C 6946
OMAHA, NEB. VOL 49
NEW KEY MAP
DEC. 1937

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CODING OF STRUCTURAL UNITS FOR FIREPROOF AND NON-COMBUSTIBLE BUILDINGS

FRAMING		FLOORS		ROOF	
CODE	STRUCTURAL UNIT	CODE	STRUCTURAL UNIT	CODE	STRUCTURAL UNIT
A.	Reinforced Concrete Frames.	1.	Reinforced Concrete, Reinforced Concrete with Metal Lath, Permanent Concrete or Gypsum Slabs or Planks.	a.	Reinforced Concrete, Reinforced Concrete with Metal Lath, Permanent Concrete, Precast Concrete or Gypsum Slabs or Planks.
B.	Reinforced Concrete Joists, Columns, Beams, Girders, Arches, Masonry Piers.	2.	Concrete on Metal Lath, Incombustible Slabs, Paper-backed Wire Fabric, Steel Deck, or Cellular, Ribbed or Corrugated Steel Units.	b.	Concrete or Gypsum on Metal Lath, Incombustible Form Beams, Paper-backed Wire Fabric, Steel Deck, or Cellular, Ribbed or Corrugated Steel Units.
C.	Protected Steel Frame.	3.	Steel Deck or Grating.	c.	Incombustible Composition Roofs with or without Sheathing. Masonry or Metal Tiles.
D.	Inflexible Protected Steel Joists, Columns, Beams, Trusses, Arches.			d.	Steel Deck, Corrugated Iron, Tin, Asbestos or Protected Metal with or without Insulation.
E.	Inflexibly Protected Steel Frame.				
F.	Inflexibly Protected Steel Joists, Columns, Beams, Trusses, Arches.				
G.	Unprotected Steel Frame.				
H.	Unprotected Steel Joists, Columns, Beams, Trusses, Arches.				
I.	Masonry Bearing Walls.				

The coding for framing, floor and roof structural units as above is used in describing the construction of fire-resistive buildings. In addition, reports of fire-resistive buildings show the kind of wall construction when other than brick.

F.P. Buildings have masonry floors and roof, concrete and/or steel, directly or indirectly protected throughout, and no combustible trim, finish or furnishings.

F.P.S. Buildings are F.P. Buildings with interior walls such as cinder block, cement brick, metal or plaster mesh, etc.

Buildings have unprotected steel framing and floors, or wooden roof over masonry floors and roofs.

F.P. (CONC.) (C.B.)	A fire-resistive building built as F.P.S. with complete walls and reinforced concrete frame, floors and roof.
F.P.S. (CONC.) (C.B.)	A fire-resistive building built as F.P. with metal panel walls, unprotected steel frame, concrete floors and roof on metal lath, non-combustible ceilings.
NON-COMB. (C.B.)	A non-combustible building built as F.P. with concrete block walls, unprotected steel frame, concrete or wooden floors, on metal lath and steel or tin roof.

KEY

Fire proof construction (see also resistive construction)	Window openings in first story
Adobe building	Window openings in second and third stories
Stone building	Window openings in second and fourth stories
Concrete, brick, cinder or cement block	Windows with wired glass
Hollow concrete or cement block construction	Windows with iron or tin clad shutters
Concrete or reinforced concrete construction	Window openings from fifth to twenty-second stories
Tile building	Width of street
Brick building with frame cornice	Open elevator
" " " stone front, frame side	Frame enclosed elevator
" " " " (COVERED BY FRAME PARTITION)	" " " with traps
Brick veneered building	" " " self closing traps
" and frame building	Concrete block enclosed elevator with traps
Frame building, brick lined	Tile enclosed elevator with self closing traps
" " metal clad	Brick enclosed elev. with wired glass door
Frame building	Brick chimney
Iron building	Ground elevation
Tenant building occupied by various manufacturing of occupancies	Vertical steam boiler
Frame building covered with asbestos	Vertical pipe or stand pipe
Brick building with brick or metal cornice	Gasoline tank
Fire wall 6 inches above roof	Open under
" " 12 " " "	Automatic fire alarm
" " 18 " " "	Independent electric plant
" " 36 " " "	Automatic sprinklers
Figures, 8, 12, 18 indicate thickness of wall in inches	Automatic chemical sprinklers
Wall without opening and size in inches	Automatic sprinklers in part of building only
Wall with openings on floor as designated	Not sprinklered
Opening with single iron or tin clad door	Outside vertical pipe on fire escape
" " double iron " " doors	Fire alarm box
" " standard fire doors	Single hydrant
Openings with wired glass doors	Double "
Drive or passage way	Triple "
Stable	Quadruple hydrant of the "High Pressure Fire Service"
Auto House or private garage	Fire alarm box of the "High Pressure Fire Service"
Solid brick with interior walls of C.B. or C.B. and brick mixed	Water pipes of the High Pressure Fire Service and hydrants of the "High Pressure Fire Service" as shown on key map
Mixed construction of C.B. and brick with one wall of solid brick	Water pipes and size in inches
Mixed construction of C.B. and brick with one wall faced with 4" brick	Water pipes of private supply
Mixed construction of C.B. and brick throughout	House numbers shown nearest to buildings are official or actually so on buildings
	Old house numbers shown furthest from buildings

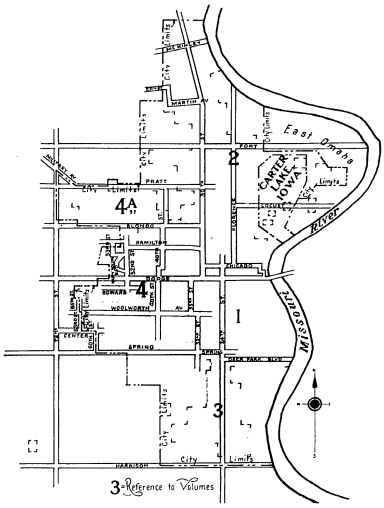
Reference to adjoining page
Fire engine house, as shown on key map
Fire pump
Number under page refers to corresponding page of previous edition
Siamese fire dept. connection
Single fire dept. connection

CORRECTION RECORD

REV'N NO.	DATE OF CORRECTION	ATTACHED BY	DATE ATTACHED
20	11-42	[illegible]	3/8/43
21	1-45	[illegible]	8-4-45
22	-47	[illegible]	8-31-47
23	10-49	[illegible]	8-31-49
24	3-51	[illegible]	12-13-51
34	9-62	[illegible]	1/63

Scale 1850 ft. to an inch
(APPROX.)

GRAPHIC MAP OF VOLUMES



3-Reference to Volumes