

SECTION E — FIXED CONSTRUCTIONS

E04 BUILDING

E04H BUILDINGS OR LIKE STRUCTURES FOR PARTICULAR PURPOSES; SWIMMING OR SPLASH BATHS OR POOLS; MASTS; FENCING; TENTS OR CANOPIES, IN GENERAL (foundations E02D) [4]

Note(s) [4]

1. This subclass covers
 - primarily the layout of buildings as a whole;
 - details which are peculiar to types of buildings, or buildings for special purposes, specified in the groups;
 - canopies in general and canopies similar in construction to tents.
2. This subclass does not cover canopies having special application, which are covered by the relevant place, e.g. protecting chairs against the weather A47C 7/66, bed canopies A47C 29/00, sun shades or awnings for buildings E04F 10/00.
3. In this subclass, the following terms are used with the meanings indicated:
 - "buildings" does not exclude engineering structures and other constructions;
 - "tent" means a tent or canopy having a supporting means, e.g. frame and a flexible cover.

Subclass index

BUILDINGS

For dwelling or office purposes.....	1/00
For public purposes.....	3/00
For industrial or agricultural purposes; for parking.....	5/00, 6/00
SWIMMING OR SPLASH BATHS OR POOLS.....	4/00
CONTAINERS.....	7/00
BUILDINGS AFFORDING SPECIAL PROTECTION.....	9/00
TOWERS, MASTS, CHIMNEY STACKS.....	12/00
MONUMENTS, TOMBS.....	13/00
BUILDINGS FOR COMBINATIONS OF DIFFERENT PURPOSES, DRIVE-IN BUILDINGS.....	14/00
TENTS, CANOPIES.....	15/00
FENCING, ENCLOSURES, CORRALS.....	17/00

1/00	Buildings or groups of buildings for dwelling or office purposes; General layout, e.g. modular co-ordination or staggered storeys (E04H 3/00 takes precedence) [1, 2006.01]	3/06	• Museums; Library buildings [1, 2006.01]
1/02	• Dwelling houses; Buildings for temporary habitation (small erections for limited occupation E04H 1/12) [1, 2006.01]	3/08	• Hospitals, infirmaries, or the like; Schools; Prisons [1, 2006.01]
1/04	• • Apartment houses arranged in two or more levels [1, 2006.01]	3/10	• for meetings, entertainments, or sports [1, 2006.01]
1/06	• Office buildings; Banks (E04H 1/12 takes precedence) [1, 2006.01]	3/12	• • Tribunes, grandstands or terraces for spectators [1, 2, 2006.01]
1/12	• Small buildings or other erections for limited occupation, erected in the open air or arranged in buildings, e.g. kiosks, waiting shelters for bus stops or for filling stations, roofs for railway platforms, watchmen's huts or dressing cubicles [1, 2006.01]	3/14	• • Gymnasiums; Other sporting buildings [1, 2006.01]
1/14	• • Telephone cabinets [1, 2006.01]	3/16	• • • for swimming [1, 5, 2006.01]
3/00	Buildings or groups of buildings for public or similar purposes; Institutions, e.g. infirmaries or prisons [1, 2006.01]	3/22	• • Theatres; Concert halls; Studios for broadcasting, cinematography, television or similar purposes [1, 2, 2006.01]
3/02	• Hotels; Motels; Coffee-houses; Restaurants; Shops; Department stores [1, 2006.01]	3/24	• • • Constructional features of stages [1, 2006.01]
3/04	• • Restaurants or shops having arrangements for self-service [1, 2006.01]	3/26	• • • • Revolving stages; Stages able to be lowered [1, 2006.01]
		3/28	• • • • Shiftable or portable platforms [1, 2006.01]
		3/30	• • • • Constructional features of auditoriums [1, 2006.01]
		4/00	Swimming or splash baths or pools [5, 2006.01]
		4/02	• formed <u>in situ</u> [5, 2006.01]
		4/04	• prefabricated or composed of prefabricated elements [5, 2006.01]
		4/06	• Safety devices; Coverings for baths [5, 2006.01]

E04H

- 4/08 • • Coverings consisting of rigid elements [5, 2006.01]
- 4/10 • • Coverings of flexible material [5, 2006.01]
- 4/12 • Devices or arrangements for circulating water [5, 2006.01]
- 4/14 • Parts, details or accessories not otherwise provided for [5, 2006.01]
- 4/16 • • specially adapted for cleaning [5, 2006.01]
- 5/00 Buildings or groups of buildings for industrial or agricultural purposes [1, 2006.01]**
- 5/02 • Buildings or groups of buildings for industrial purposes, e.g. for power-plants or factories (buildings forming part of cooling plants E04H 5/10) [1, 2006.01]
- 5/04 • • Transformer houses; Substations or switchgear houses [1, 5, 2006.01]
- 5/06 • • Pits or building structures for inspection or services [1, 2006.01]
- 5/08 • Buildings or groups of buildings for agricultural purposes (silos E04H 7/22) [1, 2006.01]
- 5/10 • Buildings forming part of cooling plants [1, 2006.01]
- 5/12 • • Cooling towers [1, 2006.01]
- 6/00 Buildings for parking cars, rolling-stock, aircraft, vessels or like vehicles, e.g. garages [1, 2006.01]**
- 6/02 • Small garages, e.g. for one or two cars (attached to, or supported by, the vehicle B62D) [1, 2006.01]
- 6/04 • • wheeled, hinged, foldable, telescopic, swinging or otherwise movable [1, 2006.01]
- 6/06 • • with means for shifting or lifting vehicles [1, 2006.01]
- 6/08 • Garages for many vehicles [1, 2006.01]
- 6/10 • • without mechanical means for shifting or lifting vehicles, e.g. with helically-arranged fixed ramps, with movable ramps [1, 2006.01]
- 6/12 • • with mechanical means for shifting or lifting vehicles [1, 2006.01]
- 6/14 • • • with endless conveyor chains having load-carrying parts moving vertically, e.g. paternoster lifts [1, 2006.01]
- 6/16 • • • Garages shaped as a wheel or drum rotatable about a horizontal axis [1, 2006.01]
- 6/18 • • • with means for transport in vertical direction only or independently in vertical and horizontal directions (E04H 6/14 takes precedence) [1, 2006.01]
- 6/20 • • • • characterised by use of conveyor chains or rotatable rollers for horizontal transport [1, 2006.01]
- 6/22 • • • • characterised by use of movable platforms for horizontal transport [1, 2006.01]
- 6/24 • • • • characterised by use of dollies for horizontal transport [1, 2006.01]
- 6/26 • • • • characterised by use of tiltable floors or floor sections; characterised by use of movable ramps [1, 2006.01]
- 6/28 • • • • characterised by use of turntables or rotary rings for horizontal transport [1, 2006.01]
- 6/30 • • • with means for transport in horizontal direction only [1, 2006.01]
- 6/32 • • • • characterised by use of conveyor chains or rotatable rollers [1, 2006.01]
- 6/34 • • • • characterised by use of movable platforms [1, 2006.01]
- 6/36 • • • • characterised by use of freely-movable dollies [1, 2006.01]
- 6/38 • • • • characterised by use of tiltable floors or floor sections [1, 2006.01]
- 6/40 • • • • characterised by use of turntables or rotary rings [1, 2006.01]
- 6/42 • Devices or arrangements peculiar to garages, not covered elsewhere, e.g. securing devices, safety devices [1, 2006.01]
- 6/44 • for storing aircraft [1, 2006.01]
- 7/00 Construction or assembling of bulk storage containers employing civil engineering techniques in situ or off the site** (tower aspects E04H 12/00; storage aspects, e.g. floating roofs, sealing means, filling or discharging means B65D, B65G, F17B, F17C; foundations E02D 27/38) [1, 2, 2006.01]
- 7/02 • Containers for fluids or gases; Supports therefor [1, 2, 2006.01]
- 7/04 • • mainly of metal [1, 2006.01]
- 7/06 • • • with vertical axis [1, 2006.01]
- 7/14 • • • ball-shaped [1, 2006.01]
- 7/16 • • • with horizontal axis [1, 2006.01]
- 7/18 • • mainly of concrete, e.g. reinforced concrete, or other stone-like material [1, 2006.01]
- 7/20 • • • Prestressed constructions [1, 2006.01]
- 7/22 • Containers for fluent solids, e.g. silos or bunkers; Supports therefor [1, 2, 2006.01]
- 7/24 • • Constructions, with or without perforated walls, depending on the use of specified materials [1, 2006.01]
- 7/26 • • • mainly of concrete, e.g. reinforced concrete, or other stone-like material [1, 2006.01]
- 7/28 • • • • composed of special building elements [1, 2006.01]
- 7/30 • • • mainly of metal [1, 2006.01]
- 7/32 • • • mainly of wood [1, 2006.01]
- 9/00 Buildings, groups of buildings or shelters adapted to withstand or provide protection against abnormal external influences, e.g. war-like action, earthquake or extreme climate** (foundation aspects E02D) [1, 2006.01]
- 9/02 • withstanding earthquake or sinking of ground (foundations E02D 27/34) [1, 2006.01]
- 9/04 • against air-raid or other war-like actions [1, 2006.01]
- 9/06 • • Structures arranged in, or forming part of, buildings [1, 2006.01]
- 9/08 • • • Structures arranged underneath buildings, e.g. air-raid shelters [1, 2006.01]
- 9/10 • • Independent shelters; Arrangement of independent splinter-proof walls [1, 2006.01]
- 9/12 • • • entirely underneath the level of the ground, e.g. air-raid galleries [1, 2006.01]
- 9/14 • against other dangerous influences, e.g. tornadoes, floods [1, 2006.01]
- 9/16 • against adverse conditions, e.g. extreme climate, pests [1, 2006.01]
- 12/00 Towers; Masts or poles; Chimney stacks; Water-towers; Methods of erecting such structures** (cooling towers E04H 5/12; derricks for oil drilling E21B 15/00) [1, 6, 2006.01]
- 12/02 • Structures made of specified materials [1, 2006.01]
- 12/04 • • of wood [1, 2006.01]
- 12/06 • • • Truss-like structures [1, 2006.01]
- 12/08 • • of metal [1, 2006.01]
- 12/10 • • • Truss-like structures [1, 2006.01]

- 12/12 • • of concrete or other stone-like material, with or without internal or external reinforcement, e.g. with metal coverings, with permanent form elements [1, 2006.01]
- 12/14 • • • Truss-like structures [1, 2006.01]
- 12/16 • Prestressed structures [1, 2006.01]
- 12/18 • movable or with movable sections, e.g. rotatable or telescopic [1, 2006.01]
- 12/20 • Side-supporting means therefor, e.g. using guy ropes or struts [1, 2006.01]
- 12/22 • Sockets or holders for poles or posts [1, 2006.01]
- 12/24 • Cross-arms [1, 2006.01]
- 12/26 • Winding towers for mines [1, 2006.01]
- 12/28 • Chimney stacks, e.g. free-standing, or similar ducts (chimneys as part of buildings E04F 17/02) [1, 2006.01]
- 12/30 • Water-towers [1, 2006.01]
- 12/32 • Flagpoles [1, 2006.01]
- 12/34 • Arrangements for erecting or lowering towers, masts, poles, chimney stacks, or the like [1, 6, 2006.01]
- 13/00 Monuments; Tombs; Burial vaults; Columbaria [1, 2006.01]**
- 14/00 Buildings for combinations of different purposes not covered by any single one of main groups E04H 1/00-E04H 13/00 of this subclass, e.g. for double purpose (E04H 3/02, E04H 9/06 take precedence); Buildings of the drive-in type [1, 2006.01]**
- 15/00 Tents or canopies, in general [4, 2006.01]**
- 15/02 • Tents combined or specially associated with other devices [4, 2006.01]
- 15/04 • • suspended type, e.g. from trees or from cantilever supports [4, 2006.01]
- 15/06 • • Tents at least partially supported by vehicles [4, 2006.01]
- 15/08 • • • Trailer awnings or the like [4, 2006.01]
- 15/10 • • Heating, lighting or ventilating [4, 2006.01]
- 15/12 • • • Heating [4, 2006.01]
- 15/14 • • • Ventilating [4, 2006.01]
- 15/16 • • • of tent roofs [4, 2006.01]
- 15/18 • Tents having plural sectional covers, e.g. pavilions, vaulted tents, marquees, circus tents (inflatable E04H 15/20); Plural tents, e.g. modular [4, 2006.01]
- 15/20 • inflatable, e.g. shaped, strengthened or supported by fluid pressure [4, 2006.01]
- 15/22 • • supported by air pressure inside the tent [4, 2006.01]
- 15/24 • cone shaped, e.g. teepees [4, 2006.01]
- 15/26 • Center-pole supported tents (umbrella type E04H 15/28) [4, 2006.01]
- 15/28 • Umbrella type tents [4, 2006.01]
- 15/30 • convertible, e.g. from one type tent to another type tent, from tent to canopy or from tent cover into diverse articles [4, 2006.01]
- 15/32 • Parts, components, construction details, accessories, interior equipment, specially adapted for tents, e.g. guy-line equipment, skirts, thresholds [4, 2006.01]
- 15/34 • • Supporting means, e.g. frames [4, 2006.01]
- 15/36 • • • arch-shaped type (E04H 15/42 takes precedence) [4, 2006.01]
- 15/38 • • • • expansible, e.g. extensible [4, 2006.01]
- 15/40 • • • • flexible [4, 2006.01]
- 15/42 • • • external type, e.g. frame outside of cover [4, 2006.01]
- 15/44 • • • collapsible, e.g. breakdown type (E04H 15/42 takes precedence) [4, 2006.01]
- 15/46 • • • • telescoping and foldable [4, 2006.01]
- 15/48 • • • • foldable, i.e. having pivoted or hinged means (E04H 15/46 takes precedence) [4, 2006.01]
- 15/50 • • • • • lazy-tongs type [4, 2006.01]
- 15/52 • • • • • parallelogram type [4, 2006.01]
- 15/54 • • Covers of tents or canopies [4, 2006.01]
- 15/56 • • Floors [4, 2006.01]
- 15/58 • • Closures; Awnings; Sunshades [4, 2006.01]
- 15/60 • • Poles [4, 2006.01]
- 15/62 • • Pegs, stakes or the like [4, 2006.01]
- 15/64 • • Tent or canopy cover fastenings [4, 2006.01]
- 17/00 Fencing, e.g. fences, enclosures, corrals (features peculiar to electrified fences A01K 3/00, H05C; means for allowing passage through fences, barriers, or the like E06B 11/00) [1, 2006.01]**
- 17/02 • Wire fencing, e.g. made of wire mesh (E04H 17/14 takes precedence) [1, 2006.01]
- 17/04 • • characterised by the use of specially adapted wire, e.g. barbed wire [1, 7, 2006.01]
- 17/06 • • Parts for wire fences [1, 2006.01]
- 17/08 • • • Anchoring means therefor, e.g. specially-shaped parts entering the ground; Struts or the like [1, 2006.01]
- 17/10 • • characterised by the way of connecting wire to the posts; Droppers [1, 2006.01]
- 17/12 • • • the wire being placed in slots, grooves, or the like [1, 2006.01]
- 17/14 • Fences constructed of rigid elements, e.g. with additional wire fillings or with posts [1, 2006.01]
- 17/16 • • using prefabricated panel-like elements, e.g. wired frames [1, 2006.01]
- 17/18 • • • Corrals, i.e. easily transportable or demountable enclosures [1, 2006.01]
- 17/20 • • Posts therefor [1, 2006.01]
- 17/22 • • • Anchoring means therefor, e.g. specially-shaped parts entering the ground; Struts or the like [1, 2006.01]
- 17/24 • • Connections for attaching additional wire to frames, posts or railings [1, 2006.01]
- 17/26 • Devices for erecting or removing fences [1, 2006.01]