

NAPCS Product List for NAICS 54134: Drafting Services

1	2	3	4	5	6	7	8	9
Industry Subject Area	Working Group Code	Tri-lateral Detail	National Product Detail			United States		
			Can	Mex	US	Title	Definition	NAICS Industries Producing the Product
54134	1					Drafting services	Producing detailed layouts, plans, drawings, illustrations, graphics or models based on engineering or architectural specifications, for use in the design, manufacture, installation, construction, repair or maintenance of buildings, structures, systems or components.	541340 541310 541510 514210
54134	1.1					Mechanical drafting services	Producing detailed layouts, plans, drawings, illustrations, graphics or models for use in the design, manufacture, installation, construction, repair or maintenance of a wide variety of mechanical and industrial equipment, systems, and components.	541340, 541310
54134	1.1.1	X				Mechanical drafting services for industrial tools, machines, equipment, and parts	Producing detailed layouts, plans, drawings, illustrations, graphics or models for the design, manufacture, installation, construction and repair of a wide variety of industrial tools, machines, equipment, and parts.	541340, 541310
54134	1.1.2	X				Mechanical drafting services for mechanical systems	Producing detailed layouts, plans, drawings, illustrations, or graphics for mechanical systems in a structure, such as heating, ventilation, and air conditioning, plumbing, and fire protection.	541340, 541310
54134	1.1.3	X				Mechanical drafting services for mechanical flow diagrams	Producing diagrams to show the flow of work from one machine to another in a production process.	541340, 541310
54134	1.1.4	X				Mechanical drafting services for industrial machinery and equipment layouts	Producing drawings for the layout of the machinery and equipment in an industrial plant.	541340, 541310
54134	1.2	X				Drafting services for process piping systems	Producing detailed layouts, plans, drawings, illustrations, graphics or models for use in the design, installation, construction, repair or maintenance of piping systems used in industrial operations and the oil and gas industry.	541340

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54134	1.3	X				Drafting services for electrical and electronic systems and components	Producing detailed layouts, plans, drawings, illustrations, graphics or models for use in the design, installation, construction, repair or maintenance of electrical systems for the transmission and distribution of electrical power and for a wide variety of electronic systems and components.	541340
54134	1.4	X				Drafting services for sites of civil engineering projects	Producing detailed layouts, plans, drawings, illustrations, graphics or models, and topographical maps used to depict the site plan of civil engineering projects, such as highways, bridges, pipelines, flood control projects, and water and sewage systems.	541340
54134	1.5	X				Drafting services for structural components of civil engineering projects	Producing detailed layouts, plans, drawings, illustrations, graphics or models for the structural components of civil engineering projects. Specialization may be by type of material, such as steel, timber, concrete or masonry.	541340
54134	1.6	X				Drafting services for structural components of buildings	Producing detailed layouts, plans, drawings, illustrations, graphics or models for the structural components of buildings. Specialization may be by type of material, such as steel, timber, concrete or masonry.	541340, 541310
54134	1.7	X				Drafting services for steel detailing	Producing detail drawings for steel fabrication and connections. Includes: • detailing of bracing systems and frame work such as trusses and rolled beams; layout geometry; production of shop templates and shop detail drawings; and erection and connection diagrams.	541340, 541310
54134	1.8	X				Drafting services for other engineering areas	Producing detailed layouts, plans, drawings, illustrations, graphics or models for use in design, manufacture, installation, construction, repair or maintenance in other specialized areas, such as transportation equipment and components, e.g. aeronautical/aerospace, naval/marine, and automotive.	541340, 541310

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54134	1.9	X				Drafting services for architectural projects	Producing detailed layouts, plans, drawings, illustrations, graphics or models depicting the architectural design of buildings. Includes: • producing drawings for purposes such as zoning, regulatory or client approval, permits, and assembly or construction. Excludes: • producing detailed drawings of structural components of buildings is in product 1.6, Drafting services for structural components of buildings. • producing drawings, renderings, models, or images of a project which are primarily artistic or esthetic in nature is in product 1.10, Display and presentation services.	541340, 541310
54134	1.9.1			X		Drafting of architectural plans for construction	Producing drawings that reflect the architectural design of buildings, with sufficient technical detail to be used in the construction phase of the project. Excludes: • producing detailed drawings of structural components of buildings is in product 1.6, Drafting services for structural components of buildings. • producing drawings, renderings, models, or images of a project which are primarily artistic or esthetic in nature is in product 1.10, Display and presentation services.	541340, 541310
54134	1.9.2			X		Drafting of architectural plans for negotiation with clients	Producing drawings that reflect the architectural design of buildings, suitable for the purpose of negotiation with clients and design development. Excludes: • producing detailed drawings of structural components of buildings is in product 1.6, Drafting services for structural components of buildings. • producing drawings, renderings, models, or images of a project which are primarily artistic or esthetic in nature is in product 1.10, Display and presentation services.	541340, 541310

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54134	1.9.3			X		Drafting of architectural plans for zoning approvals	Producing drawings that reflect the architectural design of buildings, acceptable for the purpose of obtaining zoning and similar regulatory approval. Excludes: • producing detailed drawings of structural components of buildings is in product 1.6, Drafting services for structural components of buildings. • producing drawings, renderings, models, or images of a project which are primarily artistic or esthetic in nature is in product 1.10, Display and presentation services.	541340, 541310
54134	1.10	X				Display and presentation services	Producing drawings, renderings, models or images of a project, intended to present the artistic, esthetic and similar qualities of the finished project.	541340, 541310
54134	1.11	X				Patent drawing and trademark illustration	Producing formal patent drawings and trademark illustrations.	541340, 541310
54134	1.12	X				Drafting of as-built drawings	Producing as-built drawings of the interior or exterior of commercial, industrial, institutional and residential buildings, and electrical, water, drainage and sewage systems, that can be used for renovations, restorations, and facilities management. Includes: • on-site verification and mark-ups.	541340, 541310
54134	1.13	X				Checking and revision services for architectural and engineering drawings	Checking and revising architectural or engineering drawings.	541340, 541310
54134	1.14	X				Drafting consulting services	Providing advice and guidance on any aspect of drafting.	541340

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54134	1.15	X				Training services, drafting	Providing training in drafting related skills. Subset of product 1.2.10 on 61 list.	541340
54134	1.16					Other drafting services	Providing other drafting services, not elsewhere classified. Includes: • drafting services for interior design. • drafting services for landscape design.	541340
54134	1.16.1	X				Drafting services for interior design	Producing drawings and space plans for interiors of residential, commercial, industrial, and institutional buildings. May include plans and details of ergonomics, interior finishes, fixtures, and partitions.	541340
54134	1.16.2	X				Drafting services for landscape design	Producing drawings of landscape plans for residential, commercial, industrial and institutional buildings, parklands, highways, and other projects.	541340
54134	1.16.3	X				Other drafting services, nec.	Providing other drafting services, not elsewhere classified.	541340
54134	1.17					Related products	Other important products provided by establishments classified in NAICS 54134.	541340 others
54134	1.17.1	X				Plotting and printing services	Using printers and plotting devices to generate plans or blueprints from technical drawings stored in machine readable format.	541340
54134	1.17.2	X				Conversion services, drafting	Providing services to convert drawings from one storage medium or format to another. Includes: • converting manual drawings to machine readable form. • converting drawings from one file format to another. • converting between measurement systems. • converting Computer Aided Drafting (CAD) drawings from two-dimensional to three-dimensional Computer Aided Drafting (CAD) drawings. • converting files from raster to vector. Subset of product 1.6 on 5112 et al list.	541340, 541510, 514210

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54134	1.17.3	X				Other related products	Other related products provided by establishments classified in NAICS 54134.	541340 others