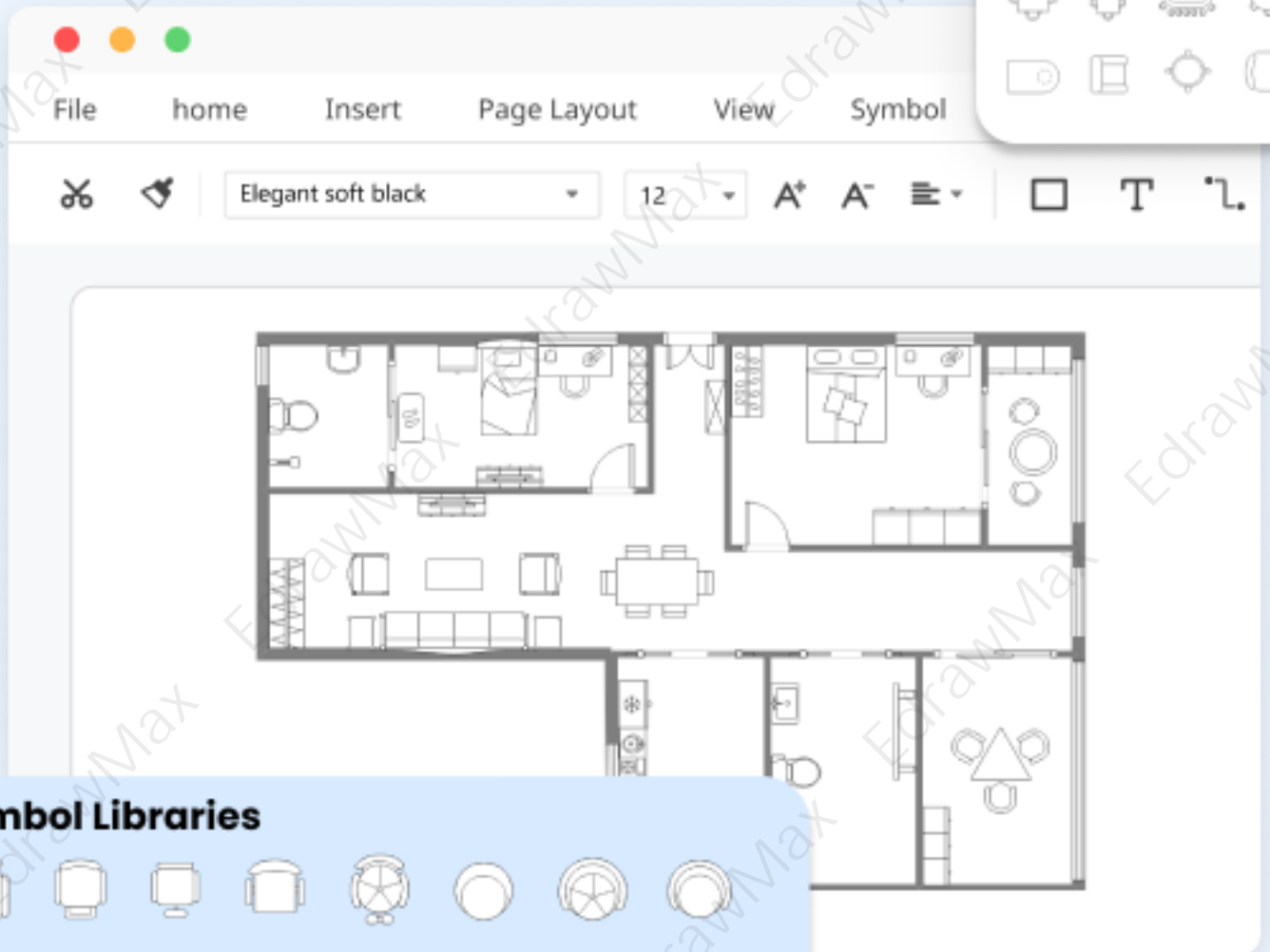


Building Plan Symbols

Complete Guide



Symbol Libraries



Building Plan Symbols

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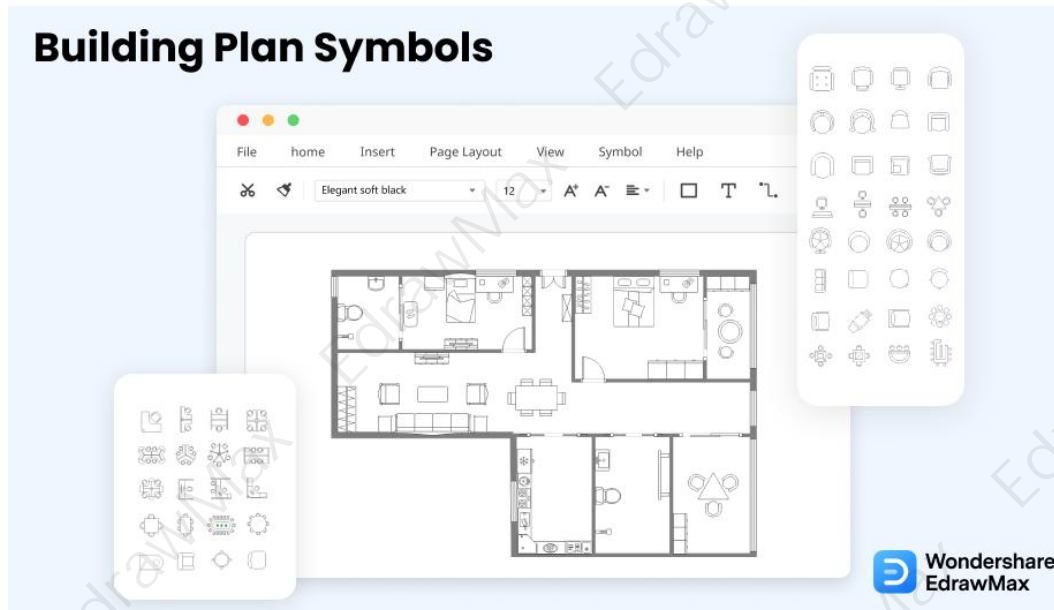
Do You Want to Design Your Building Plan?

EdrawMax specializes in diagramming and visualizing. Learn from this article to know everything about building plan legends, and how to use or create building plan legends. Just try it free now!

Download EdrawMax: <https://www.edrawsoft.com/download-edrawmax.html>

The first step to start building construction is to draw a **building plan**. Professional engineers and architects draw this plan, and this plan is made for proposal submission and to submit the final constructed building drawing.

A building plan consists of **building plan legends**, and these symbols illustrate the mechanics, lighting, electrical connections, plan, and elevation of a building. A building's drawing is a sophisticated drawing that is not easily understandable, so drawing techniques should be keenly followed according to building types such as house, office, mall, school, or hospital.



1. What Are the Building Plan Legends

A **building plan** includes a site plan, design development plan, other design drawings for the project, building elevation, and exterior building materials. Building Plan Symbols are used in a building plan to describe the functions and purposes of elements such as services symbols, lighting symbols, electrical symbols, elevation symbols, and section symbols.

Drawing a building plan might be a difficult task, but with EdrawMax, it has become easy because it is vector-based building plan software that provides already designed templates and symbols for use.

Building Plan Legends:

Building plan legends illustrate building elements, floors, levels, and sections. These symbols are added in a plan by demonstrating all the functions of building equipment, and different colors represent different functions.

2. The Types of Building Plan Legends







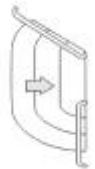
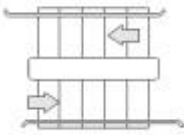
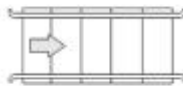
A building plan geographically represents a complete layout and infrastructure of a building before starting construction. These plans are made for all kinds of buildings, and it also enables a contractor to analyze costs and prepare a budget for construction. Building Plan Symbols illustrate building elements, floors, levels, and sections. These symbols are added in a plan by demonstrating all the functions of building equipment, and different colors represent different functions of the tools.

- Building Core Symbols
- Dimensions Symbols
- Wall Shell & Structure Symbols
- Doors and Windows Symbols
- Athletic Ground Symbols
- Garden Symbols
- Table and Chair Symbols
- Sofa Symbols

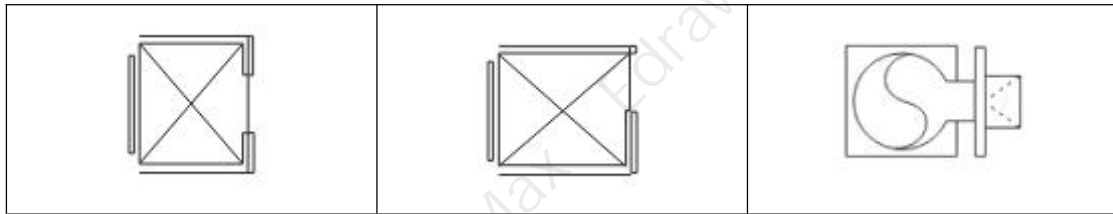
2.1 Building Core Symbols

A building is constructed according to different ideas and designs. All these construction styles carry some common elements. These elements are used in almost every business plan. But these vary from building to building. Not the same symbols can be used, but they can be changed according to shapes, size, dimensions, and uses.

Building core symbols are a category that includes commonly used building symbols. These are not very complicated graphics, and almost every company's building plan includes these symbols based on slight differences. There are more than 80 symbols in the Building Core Symbols category, and they cover all types and styles of commonly used building elements.

North	Direction	Arrow
		
Air-Conditioned Location	Solid Walls	Step
		
Ornamental Stair	Scissor Staircase	Straight Staircase
		
Curved Staircase 1	Curved Staircase 2	Winding Staircase

Z-Shape Staircase	Divided Staircase	Pocket Door
Double Pocket Door	Left Spiral Staircase	Right Spiral Staircase
Corner Landing	Stair Landing	Escalator
Ramp	Handrail	Corner Handrail
Mulit Stall	Mulit Sink	Mulit Urinal
Elevator	Freight Elevator	Chute








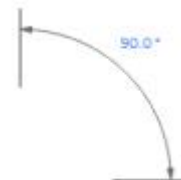

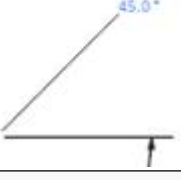



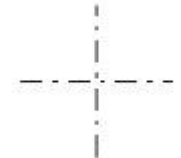
Source: EdrawMax

2.2 Dimensions Symbols

The dimensions on a plan are mentioned to tell if the doors, windows, stairs, pillars, walls, columns, and sections are located correctly. These dimensioning symbols provide the exact location of the studs, columns, and beams. The dimension lines are lighter than wall lines and are generally done as a continuous group or string of numbers along a line. Dimensions give definite directions to the construction personnel from beginning to end.

Dimension symbols provide the construction team and management with all the true and exact dimensions, sizes, measurements, and calculations of the tasks and building. These symbols add size information in a drawing to help the construction team understand the building procedures and diagram.

Dimension 1	Dimension 2	Dimension 3
Dimension 4	Dimension 5	Dimension 6
Dimension 7	Dimension 8	Dimension 9
Dimension 10	Dimension 11	Dimension 12




		
Dimension 13	Dimension 14	Dimension 15
		
Dimension 16	Dimension 17	Dimension 18
		
Dimension 19	Dimension 20	Dimension 21
		














Source: EdrawMax

2.3 Wall Shell Structure Symbols

Wall is the most common and basic part of a building; it is built to protect an area. It is used to divide the construction building to form rooms and sections. Walls are of different sizes, styles, and designs. In this category, the thin line describes the interior wall, and the thick line describes the exterior walls.

There are three types of walls; Building Walls, Exterior Boundary Walls, and Retaining Walls. Walls symbols denote different types of walls according to their placement and functions. Learn more details about [wall shell symbols](#) here.

Wall	Vertical Wall	Curved Wall
		
Curtain Wall	Space	L-Space











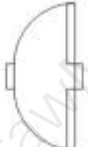










		
T-Space	Room 1	Room 2
		
Room 3	Pilaster	Rectangular Column
		
Circular Column	Beam	Grid Origin
		
Grid Line		
		

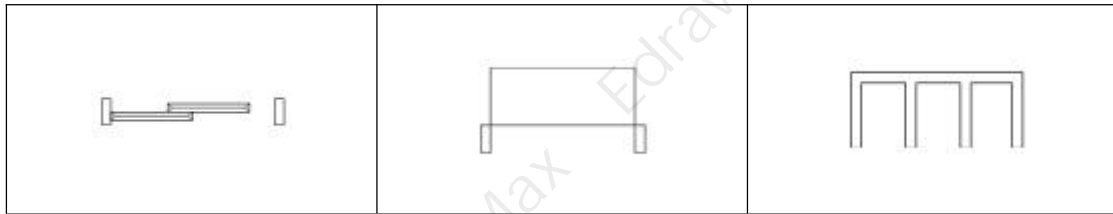
Source: [EdrawMax](https://www.edrawsoft.com/building-core.html)

2.4 Doors and Windows Symbols

A door is a hinged, sliding, revolving barrier to enter or exit the room, building, hall, vehicle, or cupboard framework. It is a passageway or transition from one place to another. There are numerous types of doors, such as; hinged door, Dutch door, Pocket door, Roller door, Bifold door, Pivot door, and French door. All these symbols are added to a building plan according to the placement and location of doors.

A window is an opening in a wall or roof of a building to admit air and light. There are several types of windows: single hung window, double-hung window, arched window, awning window, bay window, bow window, and casement windows. Different window symbols are used in a diagram to represent various types and categories of windows. Learn more details about [doors and windows symbols](https://www.edrawsoft.com/building-core.html) here.

Window	Open Window	Open Window 2
		
Open Window 3	Glider Window	Casement Window
		
Bay Window	Double Casement Window	Opening
		
Door	Double Hung Door	Double Door
		
Uneven Door	Opposing Door	Revolving Door
		
Folding Door	Sliding Door	Double Sliding Door
		
By Pass Door	Bi Fold Door	Double Bi Fold Door
		
Sliding Glass Door	Overhead Door	Garden Window



Source: EdrawMax

2.5 Athletic Ground Symbols

The athletic ground is a piece of land used for different sports such as cricket, basketball, football, volleyball, baseball, etc. Sports grounds are built outside many buildings, malls, and societies. These are illustrated in building plans because these are a part of the whole project. There are different symbols used to represent athletic grounds.

Athletic Ground 1	Athletic Ground 2	Athletic Ground 3
Athletic Ground 4		

Source: EdrawMax






















2.6 Garden Symbols






















A garden in a house or a building is a place that is most connected to nature and beauty. People sit in a garden to enjoy long conversations, relax, and many recreational activities. So decorating and designing a garden play an important role while planning for constructing a building. Garden planning includes many details and arrangements using numerous equipment and plants.






















A garden in a building plan is drawn with the help of several garden symbols. These symbols denote plants, pools, fountains, tables, chairs, benches, pavilions, rocks, ponds, etc. But plants among this list carry the most importance. That is why all sorts of plants can be symbolized in a garden plan.

• Garden Plant Symbols

Plants are the main element of a garden. They allow a person to breathe in the clean and fresh air, block sunrays, decrease noise pollution, provide a peaceful environment, and lower stress. That is why a garden's idea was first introduced.

Evergreen Tree 1	Evergreen Tree 2	Evergreen Tree 3
		
Evergreen Tree 4	Evergreen Tree 5	Evergreen Tree 6
		
Evergreen Tree 7	Evergreen Tree 8	Evergreen Tree 9
		
Evergreen Tree 10	Deciduous Tree 1	Deciduous Tree 2
		
Deciduous Tree 3	Deciduous Tree 4	Deciduous Tree 5
		
Deciduous Tree 6	Deciduous Tree 7	Deciduous Tree 8
		
Deciduous Tree 9	Deciduous Tree 10	Shrub 1
		

		
Shrub 2	Shrub 3	Shrub 4
		
Shrub 5	Shrub 6	Shrub 7
		
Shrub 8	Flower 1	Flower 2
		
Flower 3	Flower 4	Flower 5
		
Flower 6	Flower 7	Flower 8
		
Flower 9	Flower 10	Flower 11
		
Flower 12	Flower 13	Flower 14





		
Flower 15	Flower 16	Flower 17
		
Flower 18	Flower 19	Flower 20
		
Flower 21	Flower 22	Flower 23
		
Flower 24	Ornamental Grass 1	Ornamental Grass 2
		
Ornamental Grass 3	Ornamental Grass 4	Ornamental Grass 5
		
Ornamental Grass 6	Ornamental Grass 7	Ornamental Grass 8
		
Ornamental Grass 9	Ornamental Grass 10	






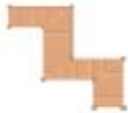















		
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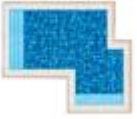

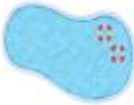








Source: EdrawMax











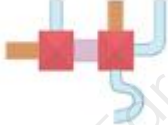
• Garden Equipment Symbols

A garden not only needs plants to fulfill its whole look, but it also needs some add-ons to make it look aesthetic. These additions to the garden complete the whole idea by adding minor and major details. Garden symbols represent all these equipment and elements in a map. It may be a bridge installed over a pond or a bench placed on any corner. The infrastructure elements of a garden are bench, chair, pathway and so on.

Stone Table & Chair 1	Stone Table & Chair 2	Stone Table & Chair 3
		
Wood Table & Chair	Swing Bench	Recliner Bench 1
		
Recliner Bench 2	Wood Bench 1	Long Bench
		
Wood Bench 2	Wood Bench 3	Seven Glyph Bench 1
		
Seven Glyph Bench 2	U-Shaped Bench	Stone Bridge 1
		

		
Stone Bridge 2	Timber Bridge 1	Timber Bridge 2
		
Timber Bridge 3	Wooden Bridge	Bridge
		
River Bridge	Garden Lamp 1	Garden Lamp 2
		
Garden Lamp 3	Garden Lamp 4	Stone Road
		
Cobbled Roadway	Rock Garden	Road Path 1
		
Road Path 2	Road Path 3	Garden Stone 1
		
Garden Stone 2	Garden Stone 3	Round Stone

		
Square Stone	Flagstone	Hexagon Stone
		
Stone Driveway	Brick Pathway	Patio Pathway
		
Swimming Pool 1	Swimming Pool 2	Swimming Pool 3
		
Fountain Pool 1	Fountain Pool 2	Fountain Pool 3
		
Fountain Pool 4	Fountain Pool 5	Fountain Pool 6
		
Fountain Pool 7	Fountain Pool 8	Pond 1
		
Pond 2	Pond 3	Pond 4













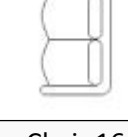

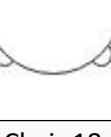



		
Pond 5	Swimming Ring 1	Swimming Ring 2
		
Umbrella 1	Umbrella 2	Duty Room
		
Wood Post	Pavilion	Garbage Can 1
		
Garbage Can 2	Play Ground	Flower Bed
		
Fitness Equipment 1	Fitness Equipment 2	Fitness Equipment 3
		
Fitness Equipment 4	Children Play Area	
		

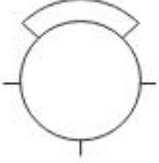

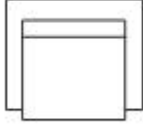
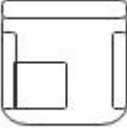



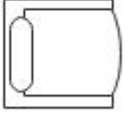


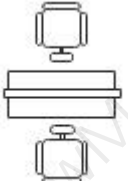
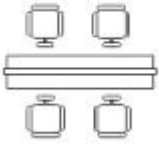


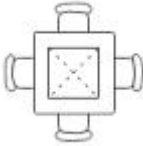






Source: EdrawMax

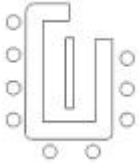

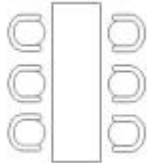





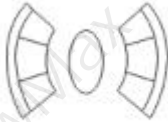


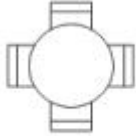
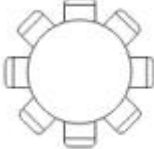
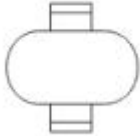
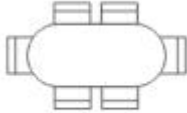
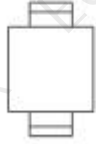
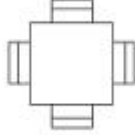

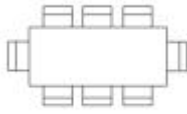
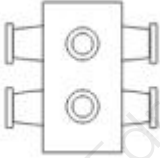

2.7 Table and Chair Symbols













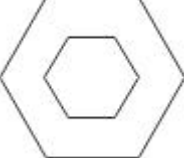





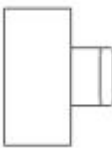
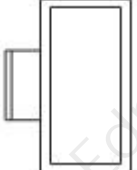
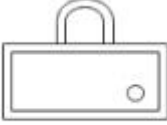
A table is a piece of furniture with a flat top part supporting one or more legs. It is used to write, eat, place things, or do office work. Tables have many types, for example (side table, dining table, coffee table, console table, round table, drink table, and end table).

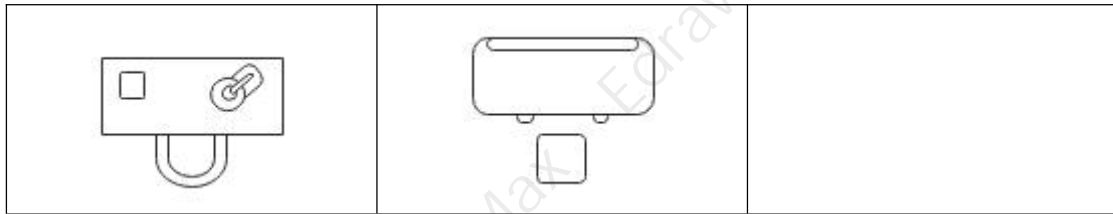
The chair is a separate seat for only one person, and it usually has a back and four legs. A chair is manufactured in many materials such as wood, iron, and plastic. It is categorized into many types: Sofa, Park bench, Upholstered bench, Armchair, Cantilever chair, Wing chair, Deck chair, and Desk chair. Learn more details from this [table & chair symbols](#) here.

Chair 1	Chair 2	Chair 3
		
Chair 4	Chair 5	Chair 6
		
Chair 7	Chair 8	Chair 9
		
Chair 10	Chair 11	Chair 12
		
Chair 13	Chair 14	Chair 15
		
Chair 16	Chair 17	Chair 18
		

		
Chair 19	Chair 20	Recliner
		
Sling Chair	Lounge Chair	Table with Chairs
		
Style Station 1	Style Station 2	Style Station 3
		
Style Station 4	Style Station 5	Style Station 6
		
Style Station 7	Longue Chair 1	Longue Chair 2
		
Longue Chair 3	Longue Chair 4	Longue Chair 5
		
Bar Counter 1	Bar Counter 2	Bar Counter 3

		
Bar Counter 4	Bar Counter 5	Bar Counter 6
		
The Chair & Table 1	The Chair & Table 2	Sofa & Sofa Table 1
		
Sofa & Sofa Table 2	Dining Table 1	Dining Table 2
		
Dining Table 3	Dining Table 4	Dining Table 5
		
Dining Table 6	Dining Table 7	Dining Table 8
		
Dining Table 9	Dining Table 10	Cicle Table & Chair 1
		
Cicle Table & Chair 2	Cicle Table & Chair 3	Cicle Table & Chair 4

		
Cicle Table & Chair 5	Cicle Table & Chair 6	Cicle Table & Chair 7
		
Cicle Table	Oval Table	Conference Table 1
		
Conference Table 2	Conference Table 3	Rectangle Table
		
Diamond Table 1	Diamond Table 2	Corner Table
		
Semicircle Table	Fan Table	Ping Pong Table
		
Desk Table 1	Desk Table 2	Desk Table 3
		
Desk Table 4	Dressing Table	

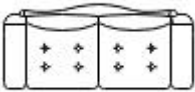

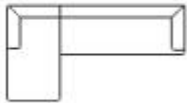
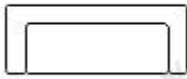

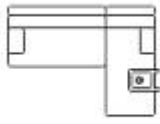
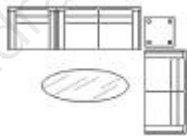
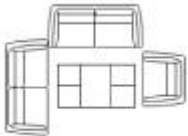
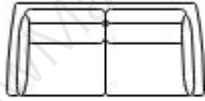






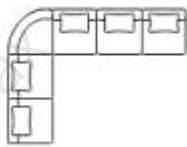
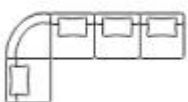

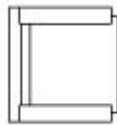


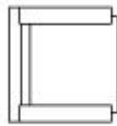




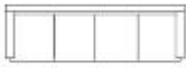
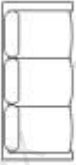


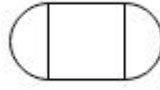
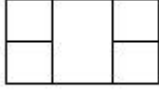
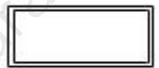


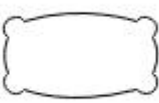
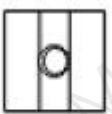



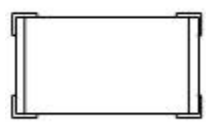

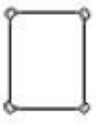



Source: EdrawMax

2.8 Sofa Symbols

Sofa is a long, foamed seat with a back and arms. Usually, two or three people can sit on a sofa. But now a day sofa is manufactured for more than three people to sit. There are seven main types of sofas: fabric sofas, leatherettes sofas, genuine leather sofa, wooden sofa, corner sofa, lounge sofa, and sofa cum bed. Learn more details from this [sofa symbols](#) here.

Sofa 1	Sofa 2	Sofa 3
Sofa 4	Sofa 5	Sofa 6
Sofa 7	Sofa 8	Sofa 9
Sofa 10	Sofa 11	Sofa 12
Sofa 13	Sofa 14	Sofa 15

Sofa 16	Sofa 17	Sofa 18
		
Sofa 19	Sofa 20	Sofa 21
		
Sofa 22	Sofa 23	Sofa 24
		
Sofa 25	Sofa 26	Sofa 27
		
Sofa 28	Sofa 29	Sofa 30
		
Sofa 31	Sofa 32	Sofa 33
		
Sofa 34	Sofa 35	Sofa 36
		
Sofa 37	Sofa 38	Sofa 39
		

		
Tea Table 1	Tea Table 2	Tea Table 3
		
Tea Table 4	Tea Table 5	Tea Table 6
		
Tea Table 7	Tea Table 8	Tea Table 9
		
Tea Table 10	Tea Table 11	Tea Table 12
		
Sofa Table 1	Sofa Table 2	Sofa Table 3
		
Sofa Table 4	Sofa Table 5	
		

Source: EdrawMax

3. Where to Find Building Plan Legends

A building plan is drawn to illustrate the structure and details. It is made with the help of many **building plan symbols**, which express the functions of all the building elements and equipment.

You can easily find building plan symbols in the legend library of **EdrawMax**. EdrawMax gives you more than 26000 symbols that you can use to create a building plan or any other diagram. You can go and search for the symbols you want in EdrawMax and click on the building plan. Go to the building plan category and use a simple drag and drop to add any legend you want.

EdrawMax Building Plan Legends:

EdrawMax is the best resources for building plan symbols, you can find hundreds of building plan symbols here. Just drag and drop, you can create building plan easily.

4. How to Use Building Plan Legends

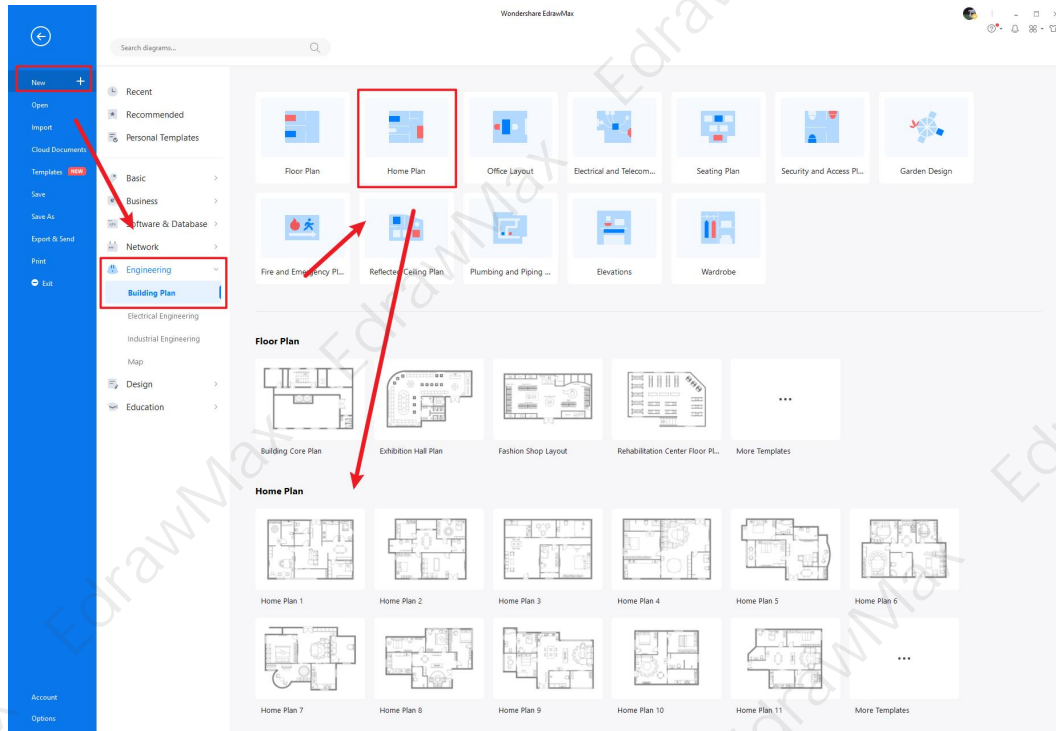
Follow these instructions to learn how to use building plan legends and easily create more building plan legends with EdrawMax.

4.1 How to Use Building Plan Legends in EdrawMax

Instead of wasting time drawing the building plan symbols or icons on paper, you should look for a way to design a building plan easily. **EdrawMax** is well equipped to design a building plan.

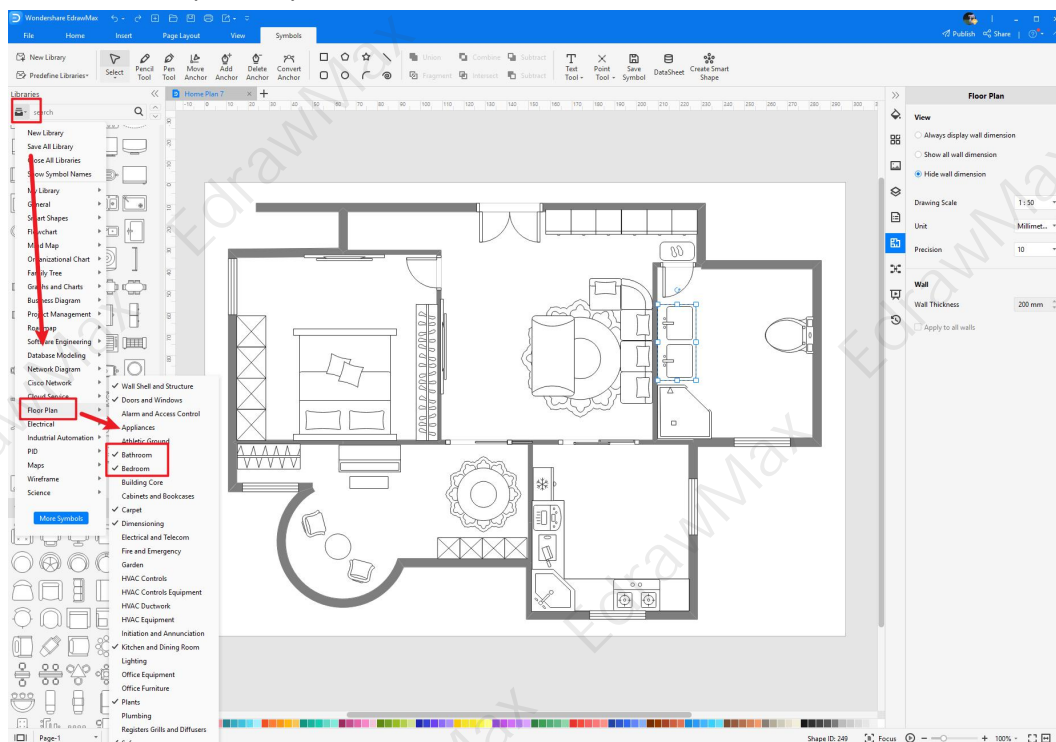
Step 1: Login EdrawMax

If you are new here, you should use your Email to register EdrawMax, but if you're already the EdrawMax's user, you just need to login EdrawMax for free. Open EdrawMax select "**Engineering**", and find "**Building Plan**", and click "**Building Plan**", then open a new canvas or just open a built-in template.



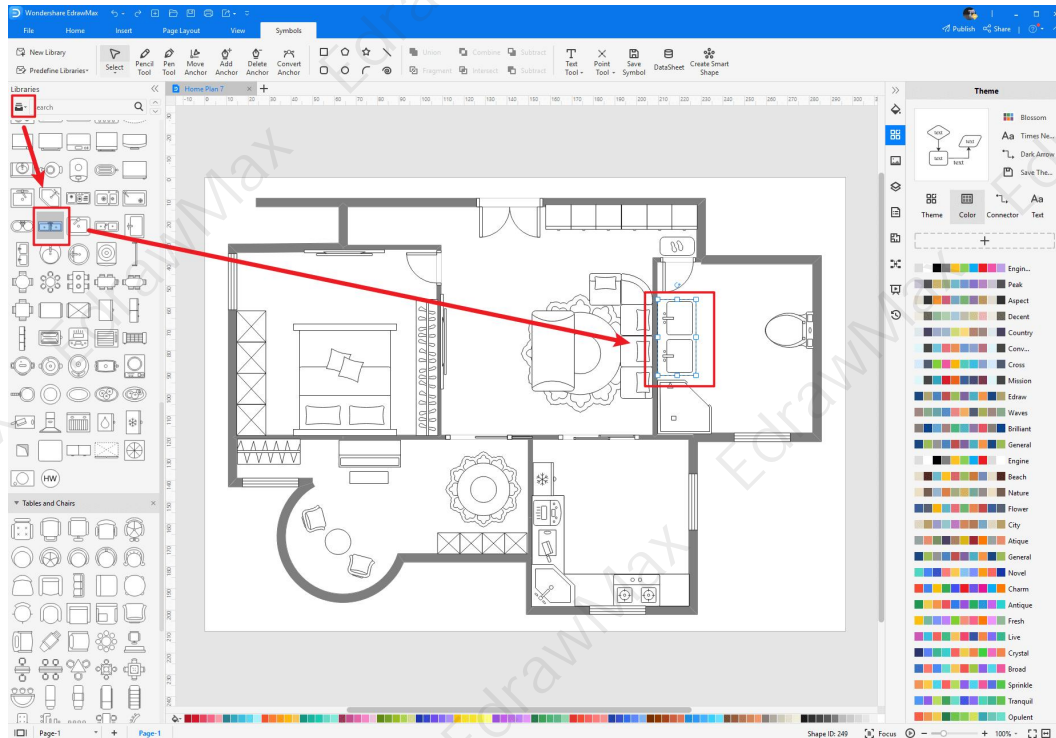
Step 2: Select Building Plan Symbols

Unlike physical drawing, EdrawMax helps to create a building plan easily. In the legend section of EdrawMax, you will find over 260,000 vector-based symbols that you can use in your designs. In EdrawMax, you can find building plan symbols in **Legend Libraries** on the left toolbar. You can click on the "+" option to open a new canvas to make your building plan. On the left side of the canvas, you will see a legend library with many building plan symbols. You can search for specific symbols in the search bar.



Step 3: Drag and Drop

Once you find the proper building plan symbols you want, just drag and drop the symbols to the canvas easily. Keep customizing by choosing the right symbols, proper scale or dimensions, and adding more details, like color, font, and etc. When completed your building plan, you can export your file or share your design effortlessly. Learn more [building plan guide](#) here if necessary.



4.2 How to Create More Building Plan Legends in EdrawMax

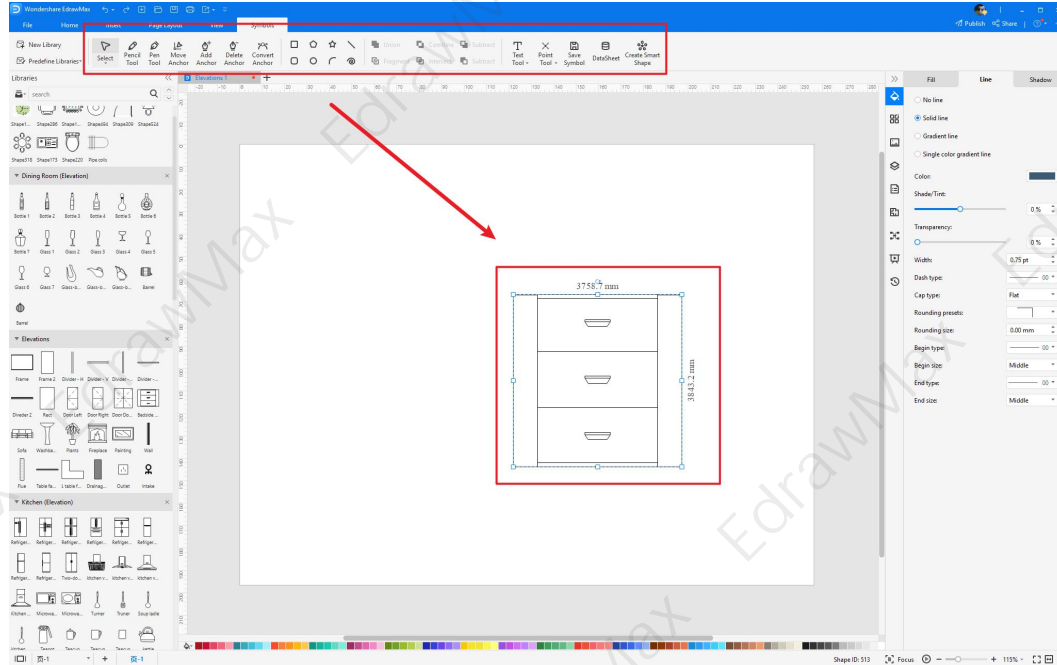
EdrawMax provides you with thousands of symbols to create your diagram. Sometimes you want to use unique or personalized symbols in your diagram that are not in the library. EdrawMax gives you a simple solution to this problem. Follow these steps when you don't find the building plan symbols you want or you wish to create your symbols to make your diagram.

Step 1: Find Legend Tool

If you can't find any legend similar to the one you want, you can use the pencil tool, pen tool, and anchor tool to draw your personalized building plan symbols. It is much easier to draw the legend you want on EdrawMax instead of searching for the one that suits your requirements. You can also save your legend in the library for later use.

- Select "**Symbols**" on the upper Toolbar;

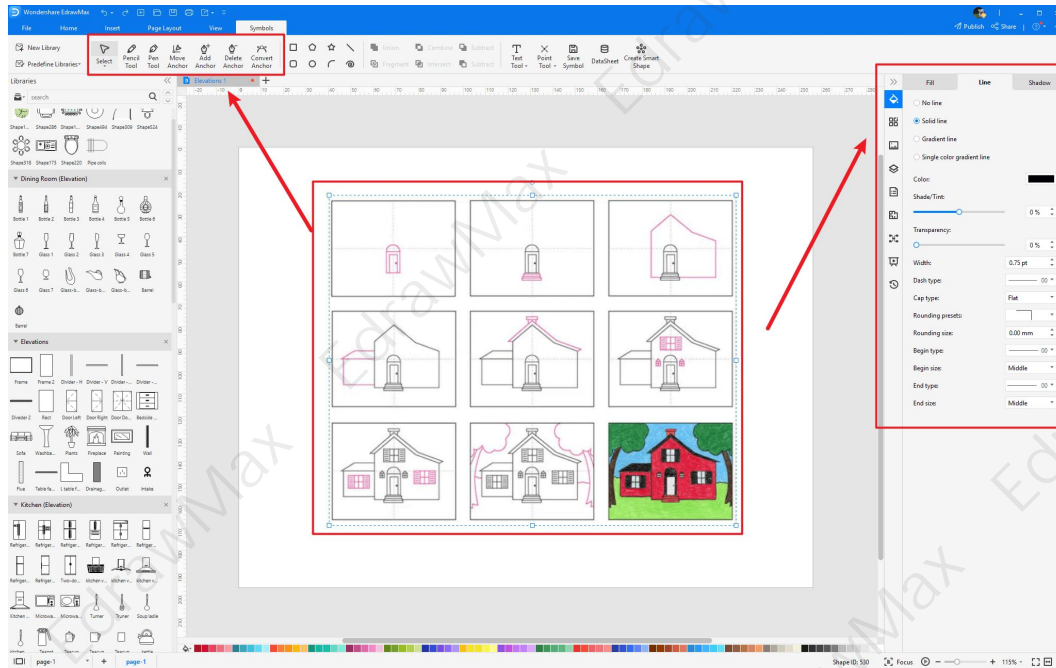
- Use "Pencil Tool", "Pen Tool", "Anchor Tool" to create garden legend from very beginning;
- Choose "Union", "Combine", "Subtract", "Fragment", "Intersect", "Smart Shape" to make your symbols.



Step2: Create Building Plan Symbols

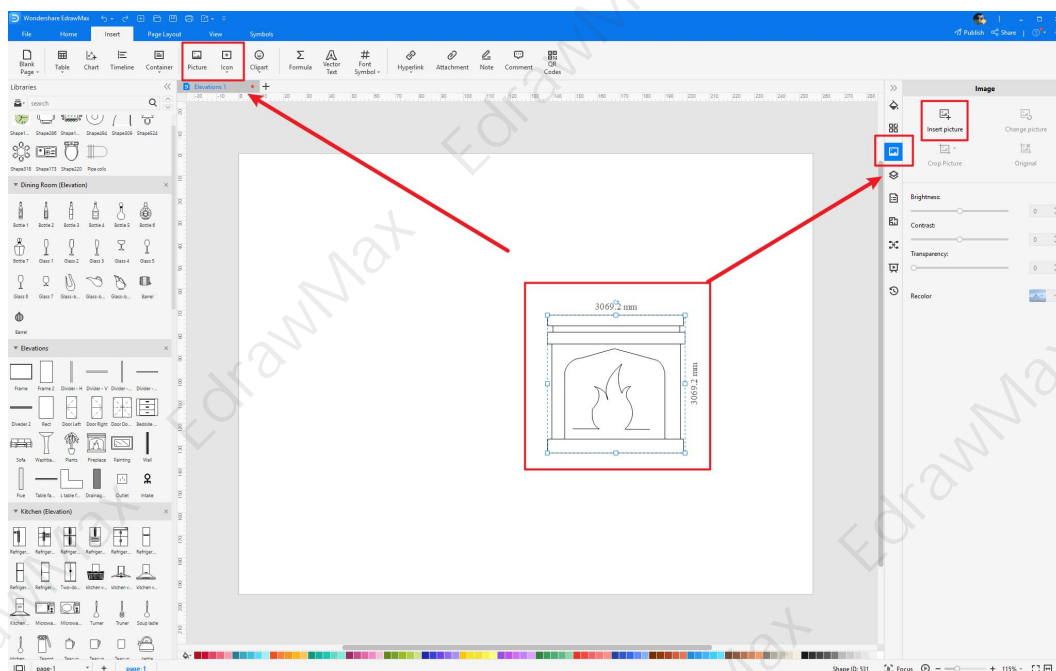
When you create a building plan legend, make sure that the size, design, and other attributes of your icon go along with other building plan icons. Follow these steps to draw perfect symbols.

- Draw a rectangle.
- Using the ruler to draw a diagonal line moving inwards to the door.
- Start from corner on the right side of the frame.
- Add more details to make it more like a door icon.



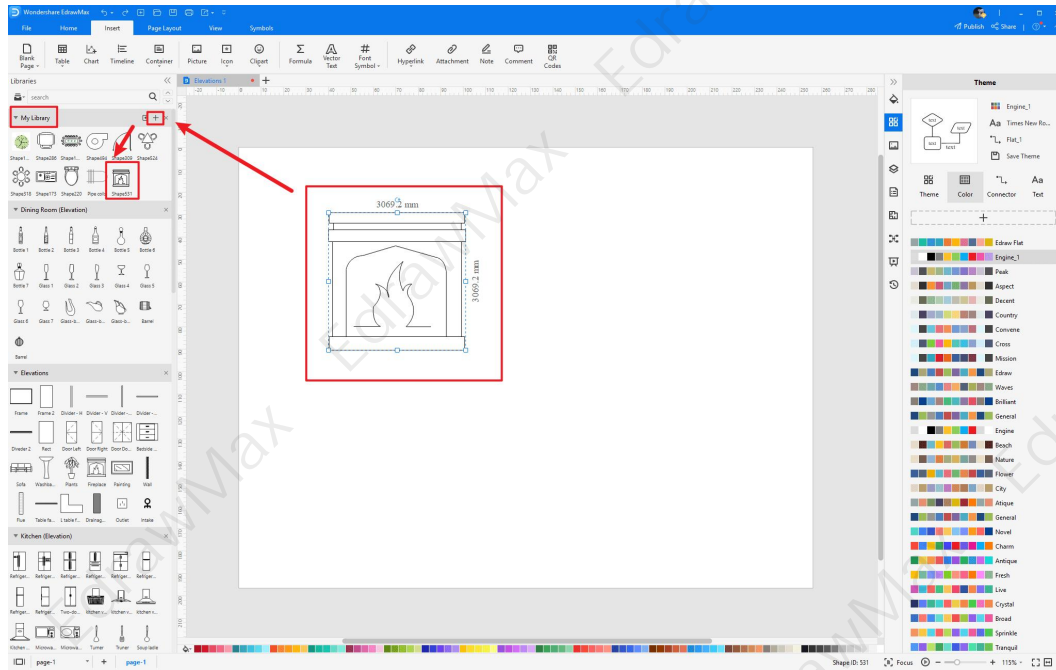
Step3: Import Building Plan Legends

Except for creating new building plan symbols in EdrawMax, you can import building plan symbols from your end. Find "Insert" on the top navigate toolbar, and import images to turn into symbols. Or click the third option of the right toolbar to insert images faster.



Step4: Save to Your Legend Libraries

Once you completed your building plan symbols design or import your legend images, you should still click "Symbols" on top, and choose "Save legend" to your legend Libraries. Or you can click "+" in My Library on the left toolbar. Learn more about how to draw a building plan or design a building from this [building plan guide](https://www.edrawsoft.com/building-core.html) here.







5. Free Building Plan Software

Instead of drawing it from scratch, it is much easier to create a building plan with **free building plan software**, such as EdrawMax. With EdrawMax, you get a comprehensive legend library with thousands of **building plan symbols** that you can use to make your diagram. It also gives you free editable templates that you can customize in a few minutes and complete your building plan. EdrawMax is an excellent tool for team collaboration, and its easy-to-use interface makes it the first choice for everyone.

key Features of EdrawMax:

- EdrawMax comes with free **building plan examples & templates** that are 100 percent customizable;
- The built-in vector symbols let you easily add building plan components to your design;
- You can easily share the building plan with your team and see the live revisions made by your team;
- EdrawMax lets you export the file in multiple formats, including MS Docs, PPTX, JPEG, PNG, PDF, and more;
- EdrawMax has a strong community of 25 million users who update the template community with their creative projects;
- EdrawMax is considered the best tool for beginners and professionals because of the user-friendly dashboard and easy drag-and-drop feature.

EdrawMax Desktop	EdrawMax Online
	
<ul style="list-style-type: none"> ✓ Create over 280 types of diagrams ✓ Windows, Mac, Linux (runs in all environments) ✓ Professional inbuilt resources and templates ✓ On-premises software for business ✓ Enterprise-level data security 	<ul style="list-style-type: none"> ✓ Create over 280 types of diagrams online ✓ Access diagrams anywhere, anytime ✓ Templates Community ✓ Team management and collaboration ✓ Personal Cloud and Dropbox Integration
	

6. Final Thoughts

A **building plan** is made to provide an outline of a constructing building, and this plan is usually made for proposal to seek approval from authorities. So aligning a building plan with optimal usage of **building plan legends** is very important. These symbols sometimes vary from company to company. That is why EdrawMax allows you to use different templates and layouts for your building plan by adding a variety of symbols to it. It also enables a designer to put customized symbols into his building plan.

EdrawMax is the best free building plan maker that gives you free symbols and templates to make your building plan. Its fast drawing and easy legend import feature make it the prime choice for beginners and professionals.

You May Also Like:

- ¹Wardrobe Floor Plan
- ²Table & Chair Symbols
- ³Elevation Symbols
- ⁴Plumbing and Piping Symbols
- ⁵Bathroom Floor Plan Symbols

¹ Wardrobe Floor Plan: <https://www.edrawsoft.com/wardrobe-plan-symbols.html>

² Table & Chair Symbols: <https://www.edrawsoft.com/table-chairs.html>

³ Elevation Symbols: <https://www.edrawsoft.com/elevations-symbols.html>

⁴ Plumbing and Piping Symbols: <https://www.edrawsoft.com/plumbing-piping-plan-symbols.html>

⁵ Bathroom Floor Plan Symbols: <https://www.edrawsoft.com/symbols/bathroom-vector-icons.html>



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