

I'm not a robot





























Free House Plans Download for your perfect home. Following are various free house plans pdf to downloads US Style House Plans PDF The download free complete house plans pdf and House Blueprints Free Download 20x45 ft House Plan 20x45 ft. Best House PlanDownload 30x50 ft. House Plans 30x50 ft. House Plan Free DownloadDownload 15x30 ft. Best House Plan Free DownloadDownload 30x40 ft. House plans with parking, 2-bed room + one Attach Dressing and Bathroom, Living Room, Kitchen, Dining Room. 30x40 ft Best House Plans Size of Plan: 16 X 9 m Area Of Plan: 144 m2 16 X 9 Small House Plan Features: Dining room: 5m X 3m Kitchen 3m: X 3m Bedroom1: 5m X 3m Garage: 5m X 3m Bedroom2: 3.5m X 3m Living Room: 5m X 4m Terrace: 5m X 2m Size Of Plan: 25 Ft X 45 Ft Area: 1125 square ft 25 X 45' Ground Floor Features: Dining 11 ft X 10 ft. Open Kitchen: 7 ft 6 inch X 7 ft Both attached Toilet: 4 ft X 7 ft Children Bed Room: 12 ft X 10 ft Living Room: 17 ft 6 inch X 11 ft Master Bed Room: 12 ft X 11 ft Parking: 12 ft 10 inch X 10 ft 2 inch Size of Plan: 46 ft X 26 ft 8-inch Area: 1226.65 square feet BHK House Plan Features: Master Bed Room: 13 ft 5 inch X 12 ft 7 inch Bedroom 2: 9 ft 9 inch X 10 ft 4 inch Bedroom 3: 9 ft 9 inch X 10 ft 4 inch Living Room: 19 ft 5 inch X 12 ft 7 inch Plot Size: 40 X 40 ft Area: 1600 square ft 40 ft X 40 ft Plot Features: Master Bedroom: 14 ft X 14 ft Sit Out: 11 ft X 6 ft Drawing Room: 12 ft X 16 ft 8 inch Bath Room: 9 ft 9 inch X 6 ft Lobby: 11 ft X 6 ft 4.5 inch Lobby/Dining: 15 ft 5 inch X 13 ft Stairs 10 ft 1.5 inch X 7 ft Store: 6 ft X 4 ft 2 inch Kitchen 8 ft X 10 ft Puja Room: 6 ft 6 inch X 10 ft SER Room: 10 ft 1.5 inch X 5 ft 10 inch Plot Size: 46 X 34 ft Area: 1564 square ft House Plan According To Vastu Shastra Features: Bedroom 1: 16 ft X 11 ft Bedroom 2: 11 ft X 16 ft Bedroom 2 Attached Toilet: 4 ft 10 inch X 4 ft Bedroom 2 Attached Dressing Room: 4 ft 10 inch X 4 ft Puja Ghar: 4 ft 6 inch X 4 ft Bedroom 2 Attached Toilet: 5 ft X 4 ft 8 inch Bedroom 2 Attached Dressing Room: 5 ft 8 inch X 4 ft 8 inch Dining Room: 11 ft X 10 ft Kitchen: 11 ft X 10 ft Hall: 16 ft X 20 ft 6 inch Sit Out: 8 ft X 8 ft Portico: 17 ft X 11 ft Size Of Plan: Ground Floor: 14 ft 4 inch X 30 ft First Floor: 11 ft 3 inch X 33 ft Area: Ground Floor: 430.55 square ft First Floor: 369.20 square ft Ground And First Floor House Plan Features: Bedroom: 14' X 9' WashRoom: 6' X 3' Toilet: 4' X 6' Kitchen: 10' X 5' Hall: 14' X 11' 2. First Floor Bedroom: 11' X 9' Bedroom Attached Toilet: 3' X 6' OTS: 3' X 3' Toilet: 4' X 6' Kitchen: 10' X 5 Hall: 9' X 11' Balcony: 14' X 2' 6' You May Also Like Scroll to Top .sc button red { -moz-box-shadow:inset 0px 1px 0px #f7c5c0; -webkit-box-shadow:inset 0px 1px 0px #f7c5c0; box-shadow:inset 0px 1px 0px #f7c5c0; background:-webkit-gradient(linear, left top, left bottom, color-stop(0.05, #fc8d83), color-stop(1, #e4685d)); background:-moz-linear-gradient(top, #fc8d83 5%, #e4685d 100%); background-color:#fc8d83; border-radius:6px; border-radius:6px; border:1px solid #d83526; display:inline-block; cursor:pointer; color:white; font-family:Impact; font-size:18px; padding:14px 16px; text-decoration:none; text-shadow:0px 1px 0px #d32c35; } .sc button red:active { background:-webkit-gradient(linear, left top, left bottom, color-stop(0.05, #e4685d), color-stop(1, #fc8d83)); background:-moz-linear-gradient(top, #e4685d 5%, #fc8d83 100%); background-color:#e4685d; border-radius:6px; border-radius:6px; border:1px solid #d83526; display:inline-block; cursor:pointer; color:white; font-family:Impact; font-size:18px; padding:14px 16px; text-decoration:none; text-shadow:0px 1px 0px #d32c35; } .sc button red:active { position:relative; top:1px; } tilt { -webkit-transition: all 0.5s ease; -moz-transition: all 0.5s ease; -o-transition: all 0.5s ease; -ms-transition: all 0.5s ease; transition: all 0.5s ease; -moz-box-shadow: 3px 3px 5px 6px #ccc; -webkit-box-shadow: 3px 3px 5px 6px #ccc; box-shadow: 3px 3px 5px 6px #ccc; width:650px; border:5px solid white; } .tilt:active { -webkit-transform: rotate(-2deg); -moz-transform: rotate(-2deg); -o-transform: rotate(-2deg); -ms-transform: rotate(-2deg); transform: rotate(-2deg); } img.company{ width:700px; }function init\_map(){var myOptions = {zoom:17,center:new google.maps.LatLng(33.72010390000001,73.05973429999995),mapTypeId: google.maps.MapTypeId.ROADMAP};map = new google.maps.Map(document.getElementById('gmap\_canvas'), myOptions);marker = new google.maps.Marker({map: map,position: new google.maps.LatLng(33.72010390000001,73.05973429999995)});infowindow = new google.maps.InfoWindow({content:'Renewable Resources (Pvt.) Ltd.House No. 7, Street 48 , F-7/4 Islamabad'});google.maps.event.addListener(marker, 'click', function() {infowindow.open(map,marker)});infowindow.open(map,marker)};google.maps.event.addDomListener(window, 'load', init\_map);Social LinksCompany TypeConsulting Engineering FirmOrigin / CountryPakistanFounderIrfan Afzal MirzaFounded SinceNot ProvidedServices / ProductsGrid Connected Power Systems, Offgrid Power Systems, Hybrid SystemsBrief ProfileThe individuals holding RE2 and those employed in the company are true technocrats of renewable energies with relevant academic base and strong background experience. The team of RE2 has remained involved in pioneering work for development of renewable energy program of Pakistan and has been a part of pilot deployments in the country. The passion of renewable energies is such that the company has no sideline operations and all sustenance is achieved through energy security projects. RE2 was formed in 2009 under the Companies Ordinance Act, 1984 as a private limited company. The registered office is located in the federal capital of Pakistan. The ultimate vision of company is to become a global entrepreneur and a name to recognize at all energy forums in the future and become the biggest energy advisor organization of Pakistan. In the realm of architectural design and urban planning, our approach to City and House planning stands out as unique. We present a multitude of architectural ideas for diverse house designs, making it effortless to conceptualize distinct plans.Within this discourse, I am providing drawings for houses ranging from 1500 to 2000 square feet, available for free download.Each house plan is accompanied by an AutoCAD DWG file, allowing you to access and download it at no cost.Duplex House Plan in AutoCADResidential Building Plan for 1200 Sq FtStructural Design for 3-Storey Residential Building (DWG)Hospital Building Plan in AutoCAD DWG & PDFWhen seeking a family home, a well-designed floor plan offers an open space that ensures safety and privacy for your family members in the presence of guests.Our attached AutoCAD drawings and PDFs include 2D floor plans featuring essential details such as Typical Floor Plan, Site Plan, Plan & Section, View & Elevation, Column & Beam Details, Electrical Design, and Stair Details. "Iamcivilengineer" presents meticulously crafted Residential Building Plans for your consideration. The AutoCAD DWG downloads enable you to implement fresh ideas into your architectural plans.Here's a comprehensive Structural details and Architectural drawings for the 1700 sq. ft. area. The AutoCAD file includes details like Typical Floor Plan, Ground Floor Plan, Front Elevation, Site Layout Plan, Staircase Details, Septic Tank Details, Beam Layout & Details, and Column Layout & Details Drawings. Utilize the AutoCAD 2D floor plan to apply your dimensions and structural calculations.Plan - A 01Software - Autocad DWGUnit - 2Bedrooms - 2Full Baths - 2Garage - 0Area - 1700 Sq. Ft.Length - 46'Width - 40'Floor Height - 9'Floors - 2Plan Type - ResidentialFree Download AutoCAD DWG & PDFExplore the design of a duplex house floor plan for 2000 square feet or 40 feet by 50 feet. Download the AutoCAD design for a duplex floor plan with DWG & PDF files.Plan - 02Software - Autocad DWGUnit - G1, 01 & 02Bedrooms - 3Full Baths - 3Garage - Front porch cum 1 garage.Area - 2000 Sq. Ft.Length - 50'Width - 40'Floor Height - 9'Floors - Ground & 1stPlan Type - Duplex HouseFree Download AutoCAD DWG & PDFDownload the AutoCAD DWG & PDF files.Plan - A 03Software - Autocad DWGUnit - 03Bedrooms - 2Full Baths - 2Garage - 1Area - 1800 Sq. Ft.Length - 54'Width - 35'Floor Height - 10'Floors - 4Plan Type - Residential HouseFree Download AutoCAD DWG & PDFThis is suitable for a small family or a couple seeking a modestly sized home with ample space for comfortable living. Download the AutoCAD DWG & PDF files.Plan - A 04Software - Autocad DWGUnit - 01Bedrooms - 2Full Baths - 3Garage - 1Area - 1300 Sq. Ft.Length - 64'Width - 20'Floor Height - 10'Floors - 3Plan Type - Residential HouseFree Download AutoCAD DWG & PDF The content has been locked for logged-in users only.Please login or signup if you're new here.Don't worry, sign up takes just a few clicks! A lot of times, while solving structural engineering problems, we found difficulty in understanding different types of beams.This is very crucial to understand because different types of beams have different types of internal stresses and reactions to solve.As explained here, the three common types of connections for a beam include roller, pinned, and fixed. The fourth type called simple support is not often found in real buildings and structures.Now in this post, I'd like to start with the very basic definition of beam.According to Britannica here, the beam is defined as :A solid piece of timber, spanning an opening and carrying a load that may be a brick or stone wall above the opening.In Civil Engineering terms we can define beam as:A beam is a long slender member, a 2d element in structure having relatively longer span than the depth. In this post I will briefly explain different types of beams.Beam is designed to carry the bending moment and the shear forces if any.Have you ever used some structural design software? There we use a term "restraint". That is the same term used for the beam support. The beam support is its ability to withstand external forces in different ways. We provide these supports to resist vertical, horizontal, and movements.Have you been through the structure analysis? There we use the term reactions. The reactions are the response of the beam when external loading is applied. That is because we design the structure to satisfy the conditions of equilibrium.For information in depth refer to this article.A simple example of a beam support is in your home. You can see a column at the end of the beam. Such a column gives you beam the fixed support. If you don't know what is fixed support - carry on reading.Here are the common types of beam supports:Roller supportFixed supportHinge supportRoller support mean you are giving beam the ability to resist vertical forces only. Such a beam is free to rotate and move along the surface on which it rests. In real life the roller support example can be a rubber bearing for a flyover.Hinge support is another type of beam support. It is also called pinned support. A beam with hinge support is capable of resisting forces acting in any direction of the plane. It provides resistance against horizontal and vertical forces only. However, it does not provide resistance against rotation. You can find out the support reactions for a hinge support by using two equations of equilibrium. The sum of all vertical forces is equal to zero and sum of all horizontal forces is equal to zero.A fixed support let the beam to resist vertical, horizontal forces as well as moment. Fixed support is also referred to as rigid support. It resists rotation as well as displacement. So, a simplest structure can take a fixed beam only to support itself.The only difference between pinned and fixed support is in terms of rotation. Pinned support doesn't resist moment or rotation while fixed support resist moment.Based on the supports of the beam, Following are some of the classification of the beam.The following are the 6 different types of beams based on end supports or restraints:-Cantilever beamSimply Supported beamOverhanging beamFixed beamsContinuous beamsPropped Cantilever beamA beam which is fixed at one end and free at the other end is known as cantilever beam. Or from statics point of view a beam with fixed support at one end resisting all the vertical, horizontal and bending moment produced as a result of loading of the beam and is free at the other end is cantilever beam. The beam is shown :-As the name suggests a beam which is supported or resting freely on supports at its both ends is known as simply supported beam. From mechanics point of view, a beam with both hinge support resisting horizontal and vertical forces and roller support fixing only one vertical force is known as a simply supported beam. Simply supported beam is also shown in the illustration below :-Such a beam can't move horizontal or vertically but is free to rotate. It does not have any restraint avoiding rotation. It does not have any fixed support.Practical life applications of simply supported beams with point loading include bridges, beams in buildings, and beds of machine tools.If the end portion of the beam is extended beyond the support such a beam is known as overhanging beam.In simple words you can say, an overhanging beam is a one that has simply supported beam when one portion overhangs the roller support.Mostly in overhanging beam one support is Hinge support while other is roller support having one end as free like a cantilever. The shape of the beam is shown :-A beam whose both ends are fixed or built-in walls, is known as fixed beam. A fixed beam is also known as built-in or encastred beam. A fixed beam usually have reinforcement that is going through the beam into the column as shown.A beam which is provided more than two supports or is continuous over more than two supports is known as continuous beam. Usually in frame structure a continuous beam is used which have both positive and negatives moments you will be able to calculate later on.A propped Cantilever beam is a little modification of the cantilever beam, if the free end of the cantilever beam is place on a roller support than the resultant beam will be propped cantilever beam as shown :-