



L64 COURSE CONCEPT

PRESENTED BY LATITUDE 64°



THIS IS DISC GOLF



ACTIVITIES AND SHOWCASING



COURSE DESIGN



COURSE EQUIPMENT

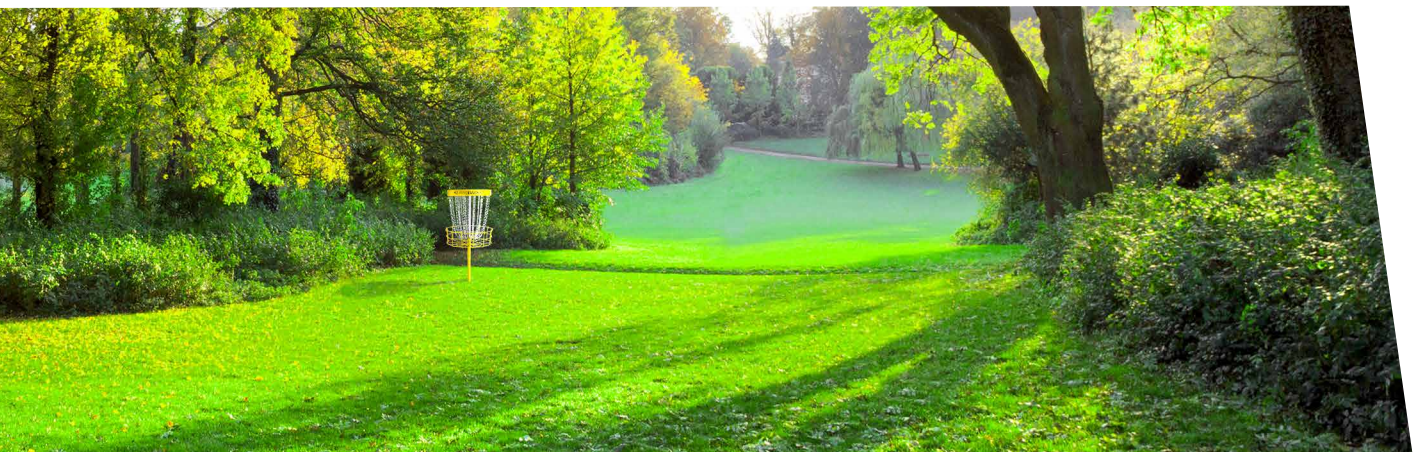


INSTALLATION



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WHAT IS DISC GOLF?

Disc golf is exactly what it sounds like, golf with discs instead of clubs and balls. Players throw selected discs into baskets or at a target. Much like ball golf, disc golf is scored with the fewest number of throws winning the round. Players drive off of tee pads that can be sections of concrete, natural turf, dirt, or temporary mats instead of large, sectioned off grassy areas.

Disc golf is one of the fastest growing sports around, and it is played all over the world. As of today, there are well over 6 000 established courses worldwide, and two new courses being installed every 24 hours. In contrast, every 48 hours, a ball golf course is being closed down, opening up ample opportunities (and real estate) for disc golf. A majority of courses worldwide have 9 or 18 holes. Each course varies in both length and difficulty. Many courses also contain multiple settings for baskets, potentially doubling the number of playable holes and offering alternate looks from each tee pad.



Disc golf is more affordable in almost every way compared to traditional golf. Courses are usually located on public park ground, making them readily available and most courses are free to play. The sport is enjoyable, affordable, and good for you.



INTRODUCING DISC GOLF TO A COMMUNITY

As one of the fastest growing sports, disc golf has the potential to attract players of all skill levels. Striving to be competitive at the tournament level, enjoying a relaxing round with friends, or adding a bit of friendly competition between co-workers, disc golf is, quite literally, for everyone.

It is an inexpensive way to attract visitors to local parks and outdoor areas. Areas that have heavy traffic are good for exposure, and areas that have lost a little luster can be reimagined with a disc golf course.





SOCIAL

Rounds can be shared with friends, family, and complete strangers. Clubs can be easily formed and typical rounds can be fit into smaller time slots than ball golf for those with busy schedules.

ECONOMICAL

The equipment is affordable, easy to install, and ultimately maintain. A player can begin with as few as 1-3 discs, and enjoy being outdoors on the course. Investments are up front rather than recurring.



ENVIRONMENTAL

Disc golf can maximize a park's potential without being invasive to each unique environment. Trees, rough terrain, open fields, and any obstacle you can think of can be restrictive for many other activities. For disc golf, these are staples for a great course.

TOURISM

A well designed, flowing course with ample obstacles is sure to attract players of all ages and skill levels. In addition, a top tier disc golf course can offer the opportunity for premier disc golf events, attracting top players and disc golf enthusiasts from all over the world to your community.





WHO PLAYS DISC GOLF?

Anyone who wants to. It's as simple as that. Disc golf can be played and enjoyed by anyone. It does not matter your age, skill, or fitness level. Disc golf is easy to learn and all you need to do to get better is keep playing. This makes it a great activity for families looking for something to enjoy together. It's also GOOD for you. During a full 18 hole round, it is not uncommon to have walked a mile or more. The best part is that you don't even notice it. The Professional Disc Golf Association, with 90,000+ members, is the governing body for the sport and sanctions competitive events for men and women of every skill level, from novice to professional. Permanent disc golf courses can be found all over the world.





SHOWCASING YOUR LAND

Disc golf courses on average have shorter holes than ball golf courses. This greatly reduces the amount of land needed for a course to be put in. Almost any piece of property can be converted into a disc golf course, even unused land around already existing ball golf courses. A course can be specifically designed to take full advantage of unique terrain and lower traffic areas that can instead be features of the property.

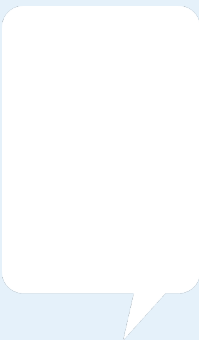
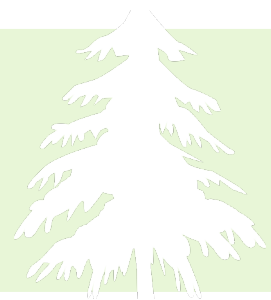


TERRAIN HIGHLIGHT

The best disc golf courses offer a variety of obstacles, throwing routes, terrain, and individually unique areas to each piece of land. A good variety of course features will promote more play, leading to an increase in course feedback and visits from both locals and travelling disc golfers.

OPPORTUNITY OVERSIGHT

Opportunity can lie in the unlikeliest of places when it comes to a truly unique disc golf experience. Floodplains, highly wooded areas, elevation changes, and watershed all offer great opportunities for a fun disc golf course.



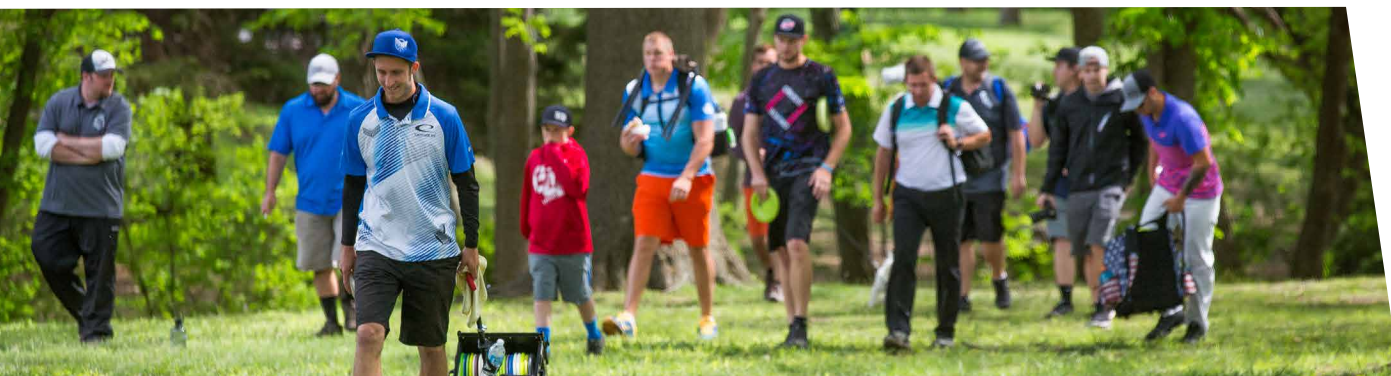
PROMOTE YOUR PARK

With disc golf growing at such a rapid rate, there are more and more opportunities to promote your course and park. There are multiple disc golf course review sites and it's becoming commonplace for potential players to check out course features before planning a trip. Hosting a 'grand opening' event is a great way to publicize your efforts in conjunction with hosting various disc golf events. Small disc golf clinics or charity events can be the foundation for gaining positive traction with your newly installed course.

COURSE ACTIVITIES

RECREATIONAL PLAY

Recreational play will likely account for well over 50% of your course traffic. With recreational play accounting for such a high volume of course usage, it becomes increasingly important for the course to be as well laid out as possible. This offers efficient flow as well as clear and concise directions for new golfers to navigate through your course. It is important to note that making a course easy to navigate does not take away from course difficulty.



WEEKLY LEAGUES

League events are a fantastic way to increase your course's traffic. Weekly leagues can be sanctioned by the PDGA and can boost player ratings by playing well in an event. Leagues don't have to be sanctioned. Local players will find ways to increase competitive play if there is a course for them to let it out. With weekly scheduled events, word of mouth will eventually transpire into an increased level of attendance. Weekly leagues are also a good way to host clinics for younger players and those interested in throwing a disc for the first time.

COURSE ACTIVITIES

TOURNAMENT PLAY

A well-run tournament can single-handedly raise the awareness of your disc golf course and its unique features. With the right course and event, a tournament can attract not only local players but players from far away. These events can range from single round to multi-day events, inviting players to join your community for the day or even an entire weekend. The community and course will benefit tremendously from either circumstance. Bringing in players from around the country can be a fast track to bolstering local economy and area popularity.



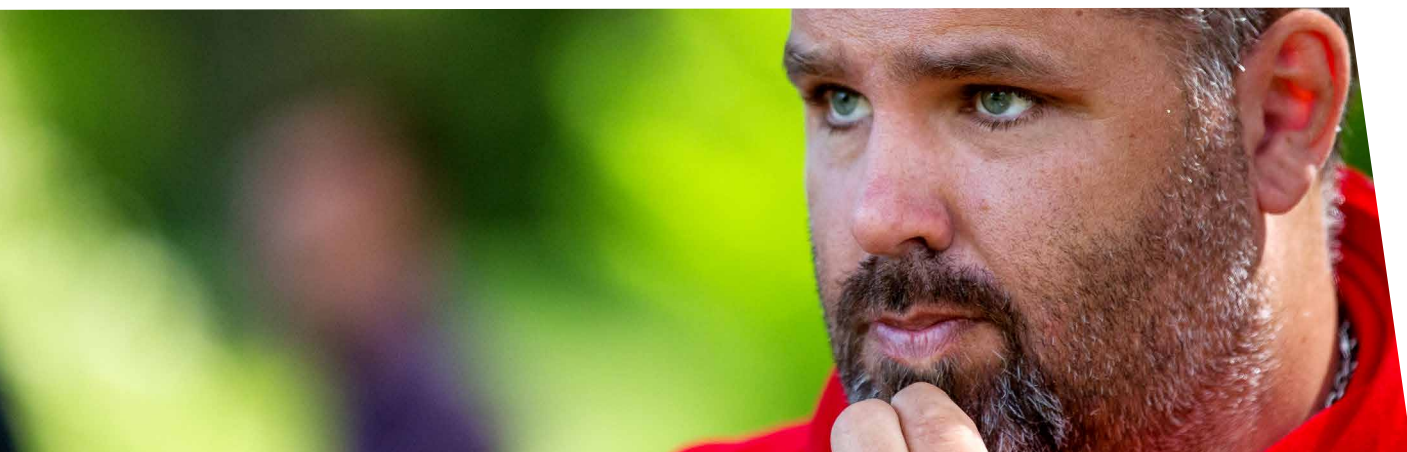
Many events are hosted and ran by local clubs and organizations. Generally, events are hosted in cooperation with your local parks and recreation department which allows for more efficient park preparations. This “all hands on deck” approach can help make your disc golf event and experience a memorable one for everyone involved.



COURSE DESIGN

My name is Tomas Ekström and I have played disc golf at the highest international level for almost three decades. This has given me everything from two World Championship golds to a place in the Disc Golf Hall of Fame. During the years, I have accumulated an extensive experience and knowledge in how a disc golf course should be designed. I have also designed many courses myself. The main one is Discgolf Terminalen in Skellefteå, which many today consider to be one of the best courses in the world.

A good course design starts with a few simple questions;



WHICH TARGET GROUP ARE YOU AIMING FOR?

A challenging course often requires a different kind of mindset and layout than, for example, a recreational course. If you make the course design too hard or too easy, you will automatically alienate a certain group of players. A well-composed course, both in terms of difficulty and variation, is often a successful recipe. On selected holes you can make both an easier and a more difficult tee placement, along with both an easier basket placement and a more difficult one, to mix things up. This gives the course a broader dimension and will therefore be utilized by a wider range of players.

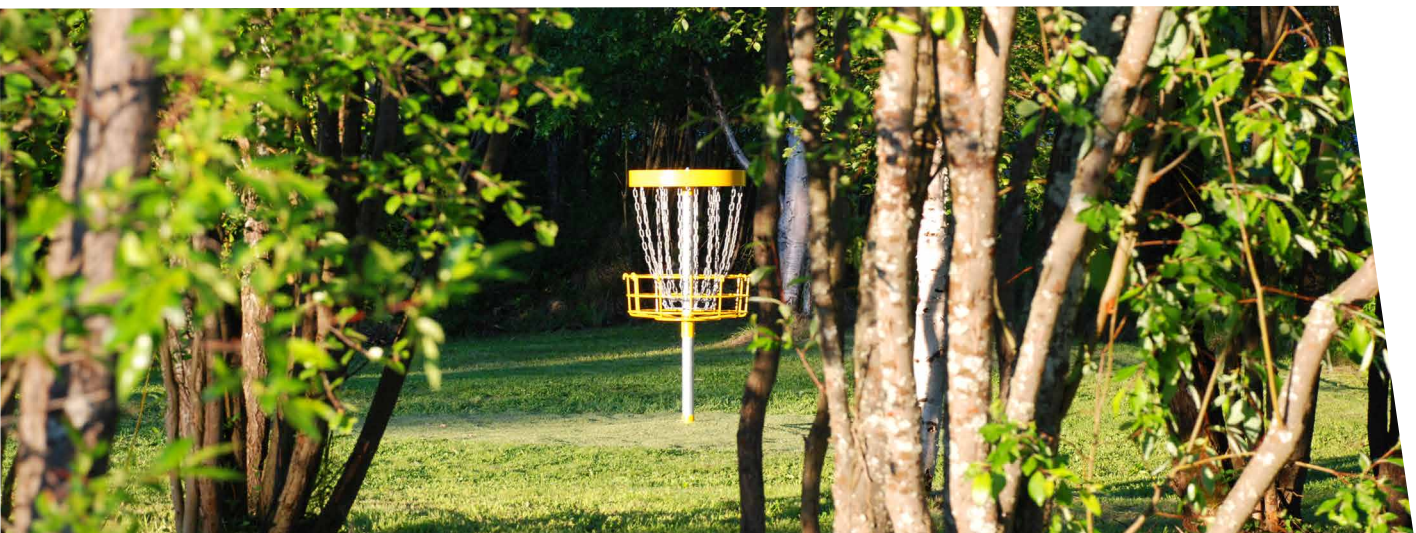




COURSE DESIGN

WHAT DOES THE SURROUNDING NATURE LOOK LIKE?

To utilize nature's natural elements such as height differences, streams, big trees, are of course an advantage. However, if you do it wrong, it may have the opposite effect. For example, if you place courses on soil that are often dank and watery, or place baskets on slippery and dangerous stone flats or in places with limited vision where a misguided throw can be hard to spot.



START AND FINISH

A course that is easy to find your way around in, is at least as important as well designed holes. Creating a natural loop that starts and ends at about the same point is important in a logistic point of view. But you also want the players to easily find their way around the track, without having to use a map and compass. A close proximity between the holes along with good signage creates a relaxed experience, especially for new visitors.



COURSE DESIGN

SAFETY?

One of the most important puzzle pieces for a long sustaining and successful disc golf course is to think about safety at the design stage. The holes should never cross each other, thus eliminating the risk of hitting other players. From the tee you should always have a good overview of the throwing area and the holes should never cross roads, footpaths, etc. A well-designed course in a public environment works very well as a complementary addition to other activities in the area. With knowledge and experience, you can build a course based on how the area is used in general, thereby minimizing potential risks.



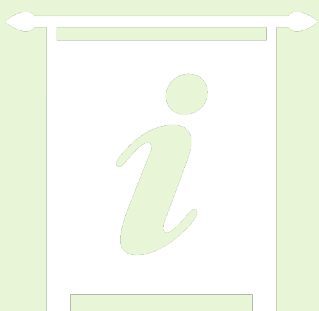
A disc golf course is a simple, cheap and very fun facility suitable for parks, green areas, forests, or a combination of all these. A course should be placed relatively close to settlements to get a natural catchment-area, and it should be placed on an area that is easy to maintain. An overgrown course where people lose their equipment will never be popular no matter how great the design is. Signage and maintenance is what makes visitors return year after year.



COURSE EQUIPMENT

INFO BOARD

The info board is usually the first thing you will see when you come to the start of a Disc Golf course. It will give you a good overview of the course and it's surroundings, as well as the basic rules of the game. Many courses bring in sponsors to help finance the course and will display the sponsor logos on this board for all to see.



INFO BOARD SPECIFICATIONS

- E-zink galvanized with a powder coat finish.
- Two sizes available; Standard and Large (example above).
- Standard: Width 117 cm, Height 220 cm. Sign 105 x 70 cm.
- Large: Width 197 cm, Height 277 cm. Sign 186 x 115 cm.
- Multiple choices of ground attachments. (See page 15)



COURSE EQUIPMENT

BASKET

The heart of the Disc Golf Course is the Basket. The Latitude 64° ProBasket Elite is designed with longevity in mind. The galvanized metal components and the powder coated finish ensures durability, regardless of weather and continuous use. It comes equipped with a 14-14 galvanized steel chain assembly.

The basket is approved for championship level tournaments by the Professional Disc Golf Association so you can rest assured that once the sport catches on in your area you are ready to organise tournaments and bring in the world's best players.



PROBASKET ELITE SPECIFICATIONS

- 14 inner and 14 outer chain sets made of galvanized steel.
- Galvanized with a powder coat finish.
- Yellow 4" tall deflector band improves visibility in all conditions.
- Tension screws are included for increased stability.
- The ProBasket Elite has welded nuts for easier assembly.
- The ProBasket Elite is approved at the Championship PDGA level.
- Multiple choices of ground attachments (See next page).



COURSE EQUIPMENT

GROUND ATTACHMENTS

Mobile Foot Elite (1)

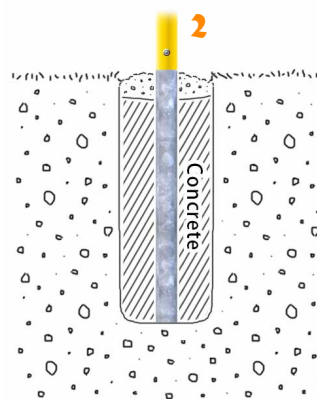
For courses with varying green placements. A sturdy design with a built in wheel which makes it easy to move. Just as the baskets it has a zink foundation under a powder coated surface.

Earth Foot d60 (2)

This is the foot for the permanent course. You simply dig a hole deep enough and secure a concrete foundation. Then insert the basket and you are good to go. Can be used for baskets, info boards and tee signs. See INSTALLATION p18-20.

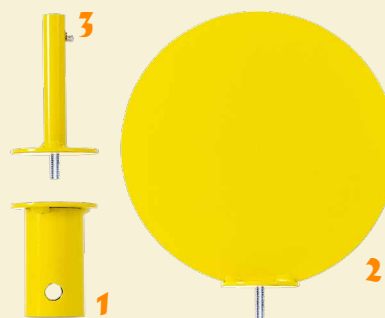
Stone Mounting Foot (3)

For stony landscapes where digging a hole is not an option. This foot allows you to drill and mount the basket into the rock. Can be used for baskets, info Boards and tee signs.



TOP ATTACHMENTS

The Top Adapter (1) is an option that is mounted at the top of the basket tube, and is used for attaching accessories for better basket visibility. The circular sign (2) is used for displaying hole numbers, to ease course navigation. The small tube attachment (3) allows a flag to be placed on top, to make the basket placement more visible in hilly terrains.





COURSE EQUIPMENT

TEE SIGN

Tee Sign Small

This is our most sold Tee Sign and it's sturdy design has been around for many years without any need of alteration. The actual sign is 28 x 40 cm and the total height, including the pole, is 124 cm. The metal is treated with a zink foundation before the powder coating to protect it from corrosion.

Tee Sign Large

If you want to spoil your course (and the players on it), we suggest you choose the Tee Sign Large. Consisting of a 48,3mm curved pipe and a sign plate of 40,6 x 50,8 cm, this sign stands 122 cm high. The metal is treated with a zink foundation before the powder coating to protect it from corrosion.



TEE SIGN SPECIFICATIONS

- E-zink galvanized with a powder coat finish.
- Two sizes available.
- Tee Sign Small: Height 124 cm (incl. pole). Sign plate 28 x 40 cm.
- Tee Sign Large: Height 122 cm. Sign plate 41 x 51 cm.
- Multiple choices of ground attachments. (See page 15)



COURSE EQUIPMENT

TEE PAD

Latitude 64° does not provide any Tee Pad product options at the moment. Mostly due to the fact that there are a great many different types and variants to consider, with everything from Concrete pads, Artificial turf, Rubber mats, and Gravel pads. Each with their own pros and cons. Furthermore, all tee pad types must also be built “on site” with materials often readily available at local vendors and hardware stores, which makes sales from our end a bit redundant.

What we CAN offer however is professional guidance and a few golden rules regarding tee pads and what you should take in consideration before construction and installation. Please contact us for more information.

Turf pad example
(Artificial turf)





INSTALLATION

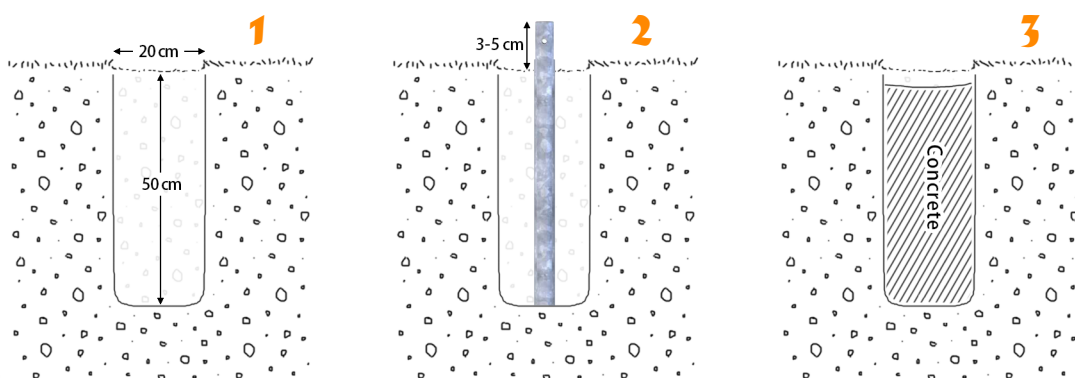
ProBasket Elite

Earth Foot d60

Before installing your ProBaskets in the ground, you will need to install a ground sleeve (Earth Foot d60) for each pin placement. It is important to install each sleeve straight and at the proper depth. As base anchor, use either concrete mix or a pre-made concrete plinth (see page 20). Refer to the following instructions for the proper installation.

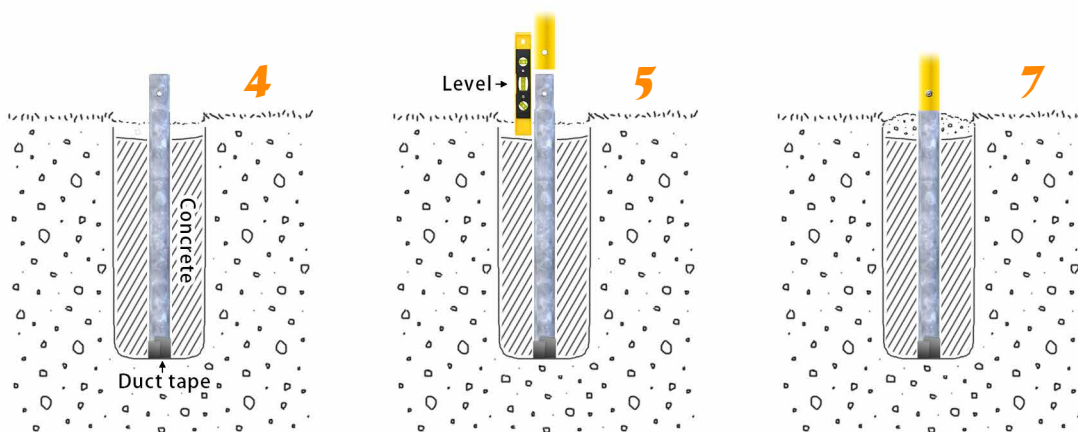
- 1** Using an auger, post hole digger, or sharp shooter to dig a hole approximately 20cm wide and 50cm deep.
- 2** a) Place the ground sleeve in the ground to check for proper depth. We like the tab on the sleeve to be 3-5cm above ground level to allow for easy installation/removal of the lock.
b) Remove ground sleeve.
- 3** Fill hole with 30-40kg of concrete mix. Remember to leave enough space under the locking tab to allow for easy installation/removal of the lock.

Continued on next page >



- 4** Insert ground sleeve into wet concrete, ensuring that it gets to the bottom of the hole. A good tip is to seal the bottom end of the sleeve with duct tape to prevent the concrete from seeping into the sleeve.
- 5** Using a level, check that the ground sleeve is level in the concrete. If there is not enough sleeve above ground to place the level, insert the basket pole. Once level is measured on all sides, carefully remove the basket pole without moving the ground sleeve or getting wet concrete inside the ground sleeve.
- 6** Let dry for the amount of time recommended on the concrete mix.
- 7** After concrete is set, install basket, apply lock, and backfill dirt into the hole.

This installation guide can also be used for Info Boards and Tee Signs.





INSTALLATION

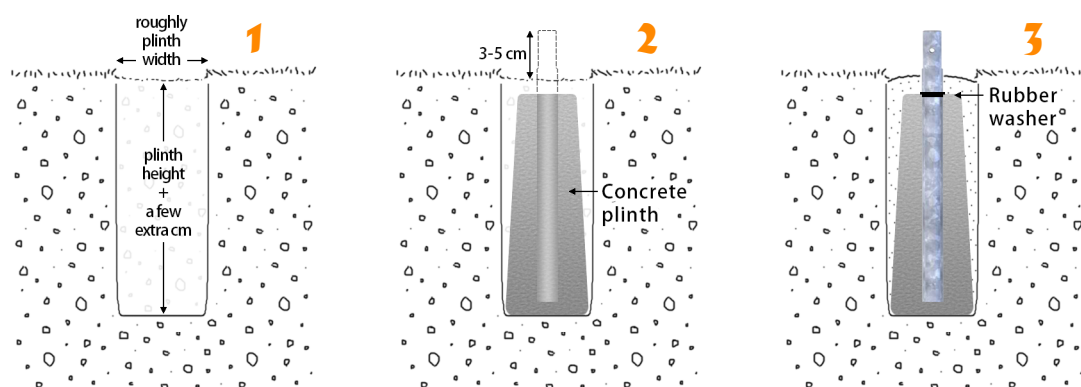
ProBasket Elite

Using a pre-made concrete plinth

Instead of concrete mix, you can use a pre-made concrete plinth with a drilled center hole that is wide enough to fit the Earth Foot d60.

- 1** Using an auger, post hole digger, or sharp shooter to dig a hole with enough width and depth to fit the concrete plinth.
- 2** Place the plinth in the hole and make sure it is level. A good tip is to insert the Earth Foot d60 sleeve in the plinth and use a level for accuracy. We like the tab on the sleeve to be 3-5cm above ground level to allow for easy installation/removal of the lock.
- 3** Secure the sleeve with a rubber washer, before backfilling dirt into the hole.

This installation guide can also be used for Info Boards and Tee Signs.





INSTALLATION

Concrete tee pad

The concrete tee pad has been around for a long time and is the most sustainable option. The pad should be at least 4 x 1.5 meters and 7 cm thick. The first step is to construct a casting mold that is easily manufactured from ordinary wood boards. Then dig a rectangular hole with enough width and depth to fit the casting mold. Secure the sides by driving wood spikes into the ground.

The bottom surface should be as level as possible to ensure that the pads overall thickness is consistent. A good tip is to use rough gravel as foundation. Lay down a reinforcement mesh on small spacers (made of plastic, wood or whatever you have handy) so that the mesh "hovers" in the center of the mold.

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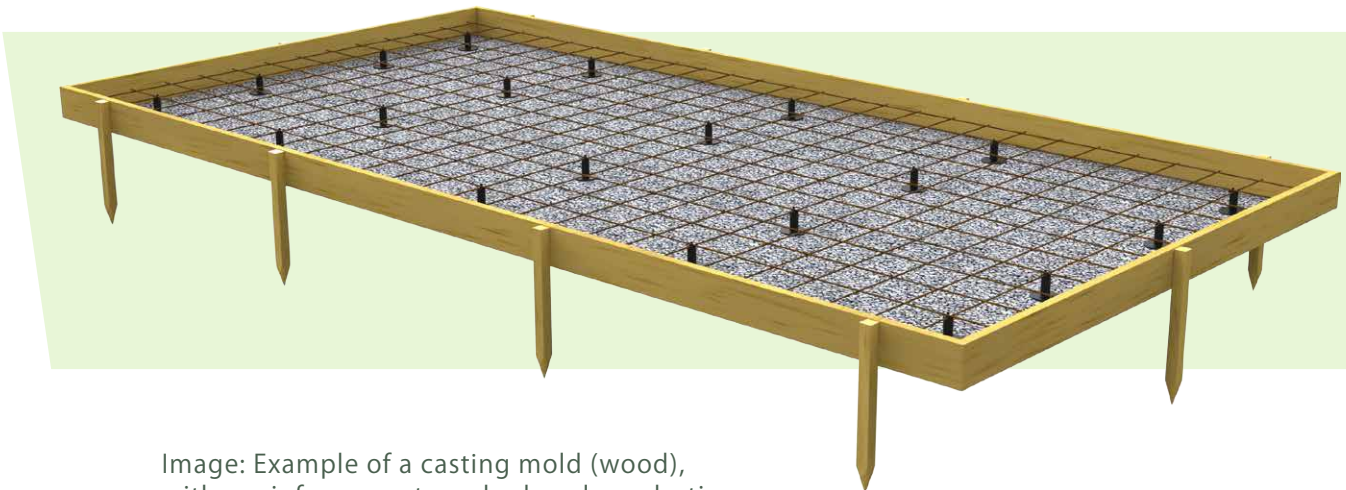


Image: Example of a casting mold (wood), with a reinforcement mesh placed on plastic spacers and with a gravel foundation. The wood spikes along the sides are driven into the ground for support.



INSTALLATION

Concrete tee pad (Continued)

Fill the mold with concrete, let it dry for at least two hours and then create a texture on the surface with a sturdy broom. The broom is drawn across the pad, parallel to the short sides, to create a coarser surface that provides better grip even if the tee pad is wet.

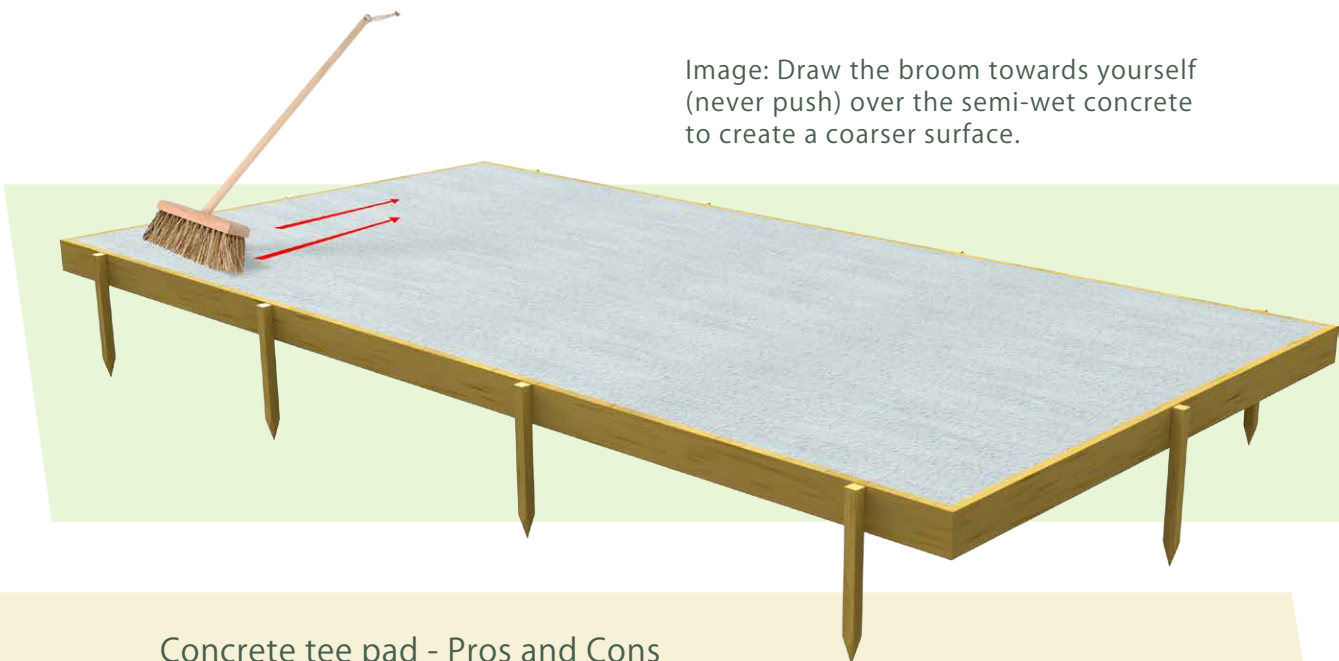


Image: Draw the broom towards yourself (never push) over the semi-wet concrete to create a coarser surface.

Concrete tee pad - Pros and Cons

Pros

- Wear resistant for a very long time
- Maintenance free
- Cost effective (initial effort vs longevity)

Cons

- Knowledge in concrete casting is a must
- Can be heavy work and difficult to transport concrete, water etc to the casting site.
- Moving or removing a concrete pad is not easily done.



COURSE DESIGN CHECKLIST

✓ LAND

A Championship level, 18 hole disc golf course will average around one to two acres per hole, whereas a simple beginner friendly 9 hole course can be utilized on as little as four total acres. Wooded areas, rolling hills, creeks, and ponds can all be aesthetically pleasing for a great course.

✓ COURSE DESIGN

A good, quality course design will make or break the success of a course. Having the best baskets, tee signs, and tee pads is important, but the overall design is what will bring players back to your course and increase the popularity.

✓ BASKETS

Baskets are an important aspect of your course. The Latitude 64 Pro Basket is a great looking, excellent catching, highly visible target that is Championship level approved by the Professional Disc Golf Association for all sanctioned events, including Major Championships.

✓ TEE SIGNS

Proper signage is key to a complete course. Detailed information such as par, distance, and out of bounds description is mandatory on all quality courses. Tee signs will also help players find their way around the course when they play it for the first time.

✓ TEE PADS

Tee pads are the final step that should be installed after completion of basket installation. A non-slick, slip resistant surface is suggested. Concrete tee pads are typical on the majority of courses and can vary in size. Shorter, beginner-friendly style courses should be no smaller than 1,25 x 2,5 meters, whereas Championship level courses should average around 1,5 x 4,5 meters.



DISC GOLF BASKET

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