

Scheduling Steps for an Infinity 4000 Cover System

1. CALL FOR A CONTRACT - We need the following information to write a contract:

- a) Pool Size
- b) Coping Type
- c) Do you want track retainer? (track retainer is required with stone coping)
- d) Do you want a pin down spa cover?
- e) Do you want to upgrade to custom walk on lid trays?
- f) Do you want a water feature auto shut off for a spa or water feature that will flow into the pool?
- g) Is there a raised bond beam?
- h) Home owners name, address and telephone number
- i) Your company name, address, office phone number and fax number

We will fax you a copy of the contract after it is written and we will mail you the hard copies of the contract along with a full builder packet. Their builder packet will include Spec. Sheets for the Infinity 4000 and a colored brochure and fabric samples for your customer.

2. SIGN THE CONTRACT AND MAIL OR FAX IT BACK ALONG WITH THE DEPOSIT FOR THE POOL COVER- See the bottom of the contract for the payment schedule.

3. NOTIFY OUR OFFICE FOR TRACK RETAINER OR TRACK HANG

- a) For Track Retainer you need to call our office and schedule an appointment as soon as you have a gunite date. *We will take the measurements for the pool cover system and vault lids to be made at this time.*
- b) For Track Hang you need to call our office and schedule an appointment as soon as you know tile and coping will be completed. *We will take the measurements for the pool cover system and vault lids to be made at this time.*

GIVING OUR OFFICE AS MUCH NOTICE AS POSSIBLE WILL ALLOW US TO GIVE YOU PROMPT SERVICE.

After track or track retainer has been installed the progress payment will be due. We will also need the color choice from your customer. Please notify the office of the color choice. Remember, once the cover is made we can't change the color; so make sure your customer is sure of their color choice. Also, it is very important that you understand that we can't make a pool cover system without the progress payment. Not sending in your progress payment in a timely manner can hold up the installation of the pool cover.

Call and schedule installation as soon as you have a plaster date. Two weeks advanced notice is appreciated. Remember, pool covers can't be installed without water in the pool. In the late Spring and Summer months it is a good idea to call and get a prospective installation date when you have an idea you will be ready for track hang, track retainer or unit installation. It is easier to change an appointment than to fit an appointment into a full schedule.

Before we show up at the job site to do the installation, the following must be done to insure completion of the installation in 1 day:
(walk on lid trays are generally installed on a separate day after the pool cover system is installed)

- a) A conduit must be run from the GFCI to the motor side of the unit, with wires pulled to hook up the motor. A J-box must be mounted in the vault to house the wiring. Please refer to the Spec. Sheet provided for details.
- b) A conduit must be run from the Touch Pad or key switch location to the motor side of the unit, with wires pulled to hook up the Touch Pad or key switch to the motor. Please refer to the Spec. Sheet provided for details.
- c) An open air drain must be present in the bottom of the vault. It is very important that the drain work properly, to help insure many years of trouble free usage of the pool cover system for your customer.

Please Note: If you are doing a hydraulic system, the conduits are different. Call the office for details.

**VERY IMPORTANT ALL SCHEDULING IS DONE THROUGH THE OFFICE
CALL (800) 996-1990 FOR ALL APPOINTMENTS**

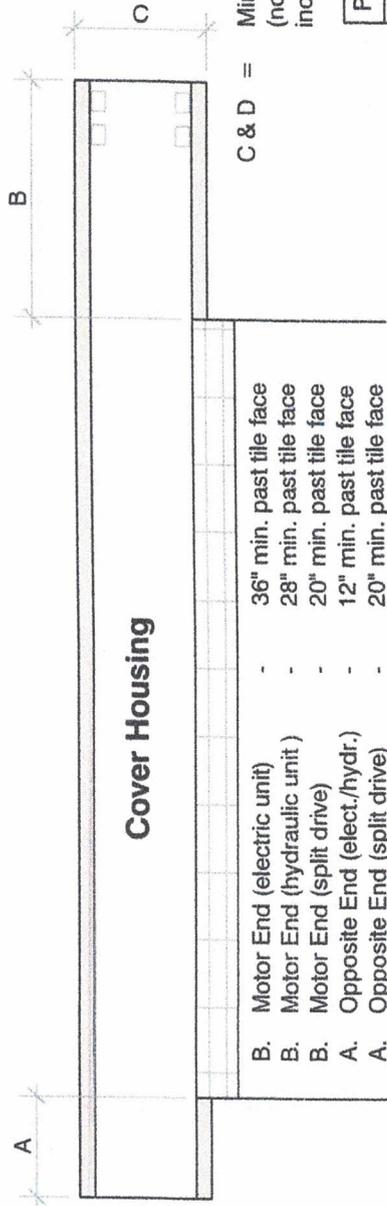
BUILDING A POOL . . . TAKE ADVANTAGE OF AN AUTOMATIC UNDERTRACK POOL COVER

The requirements for an under track pool cover are not complicated and if followed can save time and money for all parties concerned. These requirements should not be limitations. As the leader in cover technology and innovations we take great pride in our ability to handle wide variety of design alternatives. Please be sure to call us with your questions and together we can provide for your client's needs. **IF YOU CAN DESIGN IT ... WE CAN BUILD IT!**

- a) Make the pool a pure rectangle, no radius corners. Make sure the pool is square with parallel wall and that the diagonals are equal.
- b) Provide a concrete or gunite box that extends 36 inches past the tile on the motor side and 12 inches past the tile on the opposite side. (See page 2 for the drawings).
- c) Provide at least one 3 inches or larger gravity drain, side mounted at one end of the box.
- d) The finished bond beam on the unit end of the pool should finish up 2 inches below the coping or the cantilevered deck.
- e) Any interior walls (i.e. internal spas) must also be lowered a minimum of 1 inch below the bottom of the coping.
- f) Overhang the coping or deck a minimum of 2 1/4 inches after tile on both long sides of the pool and the end opposite the unit end to allow for proper mounting of the track and complete closure of the pool cover.
- g) If copingstones are used they should be laid with the bottom sides as uniform and flat as possible to allow the best surface for track installation.
- h) The deck material must be suitable for the installation of the track via expansion style anchors.
- i) For electrical requirements, please refer to page 4 for the optional "Automatic Limit Switch", (Auto Stops).
- j) See page 5 for "Standard Key Switch", (No Auto Stops).
- k) We need to be notified when tile and coping/cantilever decks are completed so that the track may be installed prior to plastering and filling the pool.
- l) The rest of the installation will be scheduled after the pool and surrounding decks have been completed. Please keep us informed as to the scheduling of these events as far in advance as possible to ensure the quickest installation dates available.
- m) At the time of the final installation our crews give instructions to a responsible party. This instruction on operation and care are given to all new pool owners and is extremely important information. We cannot emphasize this enough.
- n) Please inform the homeowner and provide us with home and work phone numbers so we can coordinate this with them.

POOL COVER SPECIALISTS 1-800-996-1990

□ J-boxes mounted as high on the front and/or back walls of the motor side as possible.

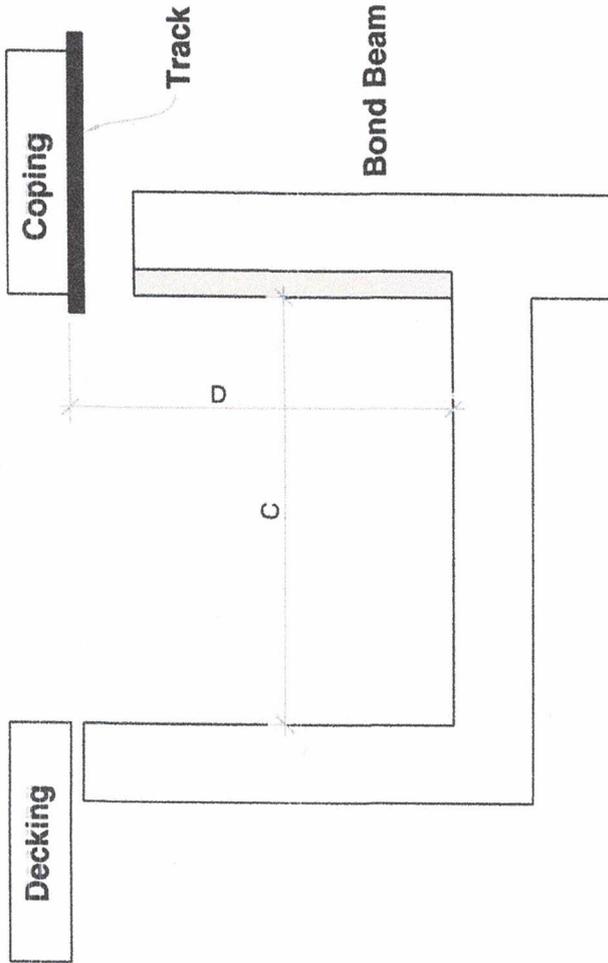


C & D = Minimum width and depth for various pool lengths (not to exceed 16" in width) Box depth can be increased 3" to 4" for drainage slope.

Pool Length	Min. C x D
up to 50 ft.	14" x 14"
50 ft. to 60 ft.	14" x 14"
65 ft. to 70 ft.	15" x 15"
over 70 ft.	call office

- B. Motor End (electric unit) - 36" min. past tile face
- B. Motor End (hydraulic unit) - 28" min. past tile face
- B. Motor End (split drive) - 20" min. past tile face
- A. Opposite End (elect./hydr.) - 12" min. past tile face
- A. Opposite End (split drive) - 20" min. past tile face

PLAN VIEW



Shaded area indicates area used for anchoring. Please notify us if any plumbing, electrical or other obstructions are located in any of these areas.

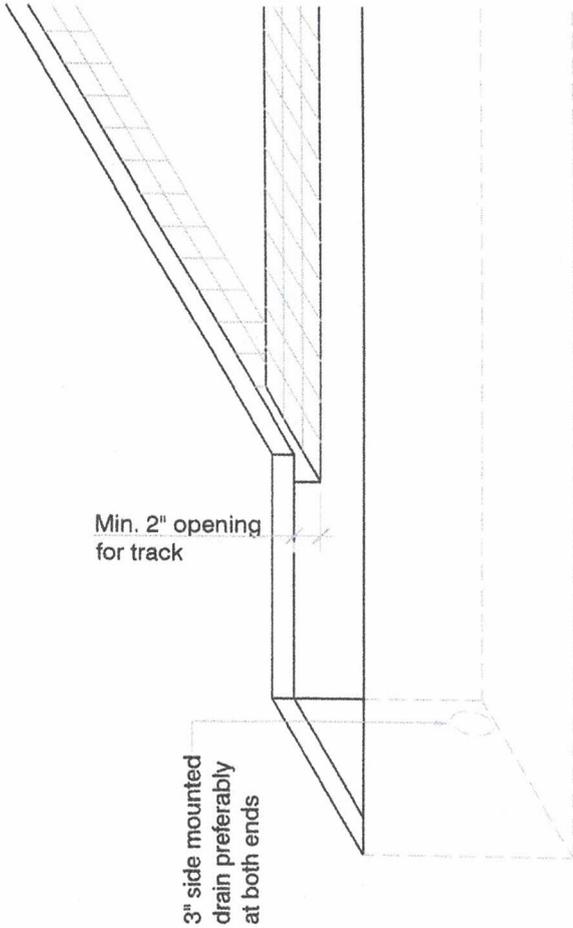
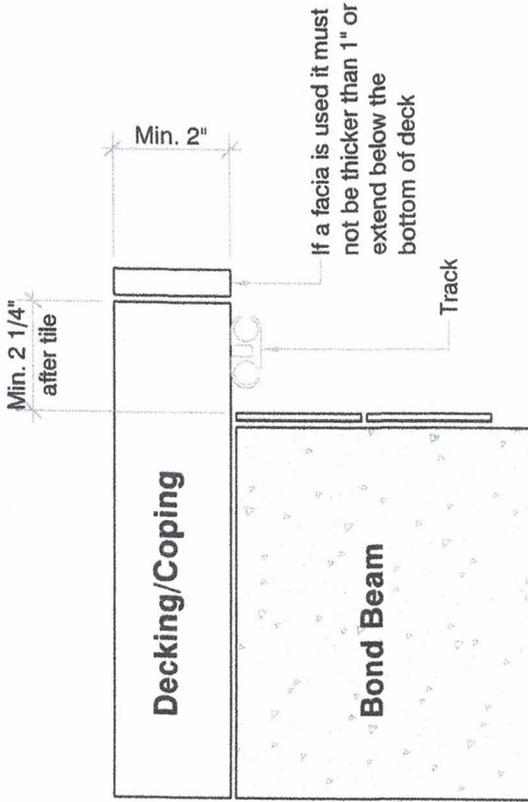
SECTION VIEW

Coping/VAULT

POOL COVER SPECIALISTS / CA

501 N. Smith Avenue Ste. 107
 Corona, CA 92880 Lic. #720419
 ph (800) 996-1990 fax (951) 279-6089

DRILL UP TRACK



Description:

The pool cover track will be applied to the underside of the deck. The track will run continuously from 1" inside the cover housing to the far end, on both sides of the pool.

Provisions:

1. The deck must cantilever into the pool to create an overhang, after tile, of a minimum 2 1/4" on the long walls. See diagram. Suitable materials include poured concrete, brick, wood and precast coping stones. Other materials may require special mounting plates installed prior to the decking material application.
2. The overhang must be continuous along both sides and the end opposite the cover housing (3 sides total). Also, please note: the cantilever at the end opposite the cover housing (generally the shallow end) must have a 2 1/4" overhang finished dimension, to allow the cover to completely close.
3. The overhang must be a minimum of 2" thick to facilitate the track mounting anchors.
4. The underside of the overhang must be clean, level, flat and suitable for the application of expansion type screw anchors. Damage to the decking as results from these requirements not being met are the responsibility of the builder. Otherwise the special plates, mentioned above, may be required.

DECKING REQUIREMENTS

Pool Cover Specialists 800-996-1990

Specifications for the Totally Waterproof Motor with Built in Auto Stops

Updated 1/14

Description:

This system makes use of sensors that automatically stop the cover when it reaches either the fully open or the fully closed position, thereby eliminating the possibility of damage due to over running the cover.

Requirements:

- a) The power source should be a 120 VAC GFCI circuit with a 20 amp maximum capacity delivered to the motor end of the cover housing in one 1/2 inch or 3/4 inch conduit (high voltage). Pull three (3) #12 high voltage wires. (up to 50 feet)
- b) One 1/2 inch conduit (low voltage) from the very end on the motor side of the cover housing terminating at the desired location of the switch, **which must be in full view of the entire pool, at least 5 feet off of the ground**. Pull five (5) #18 to #22 gauge wires (up to 50 feet).
- c) Provide 36 inches #8 Bonding Wire at both ends of the cover housing.

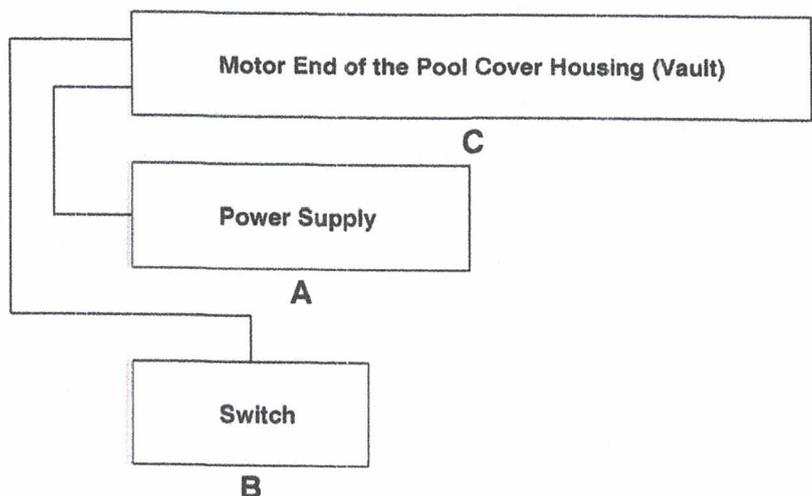
Specifications:

All conduits should terminate in weather tight single gang boxes mounted high at the motor end of the pool cover housing.

- * **If a water feature auto shut off is being installed on your system two (2) additional wires must be pulled from the pool cover vault to the pool equipment** (this is a low voltage system, low voltage or high voltage wires can be used).

Make sure all electrical is installed per local and state code requirements.

Do not run conduits through the cover vault



For a Hydraulic System call Pool Cover Specialists for the Hydraulic System Specifications

Track Retainer Specifications

Before Track Retainer Installation

1. Track Retainer must be installed after gunite but before tile and coping.
2. To avoid elevation increase on your deck, shoot track retainer walls 1 1/4 inches lower.
3. For an even finished look, it is best to float the top surface of the gunite bond beam to be level and at the same elevation on both sides before the track retainer is installed.

After Track Retainer Installation

1. Coping should not over hang. the track retainer into the pool more than a 1/2 inch.
2. It is a good idea to tape off the opening of the track retainer before the tile and coping is installed to prevent grout and cement from getting in the track retainer.

Preparing For Track Retainer Installation On A Raised Bond Beam

1. At the time of gunite or After guniting the raised bond beam you will need to make a notch in the gunite 2 inches tall and 1 3/4 inches deep. Place the top of the notch 1/2 inch above the elevation of the bottom of coping on the opposite side of the pool and measure down 2 inches to finish the bottom of the notch.

Installing Track Retainer On A Raised Bond Beam

1. The contractor will need to install the track retainer on the raised bond beam by dry packing it in the notch level and at the same elevation as the opposite side as well as the same elevation end to end.
2. Contractor needs to detennine the proper depth of the track retainer. Most contractors prefer the track retainer to finish up with the face of the finished tile.

Measurements For Pool Cover and lids

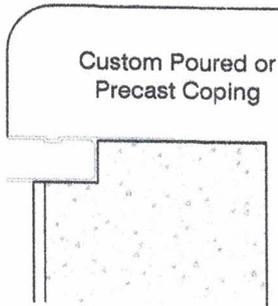
The measurements for the lids to cover the vault and to make the pool cover will be taken when the track retainer is installed. If your vault is not finished it will be necessary for us to make another trip to the job site for the lid measurements which could delay the final installation of the pool cover system.

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Cantilevered

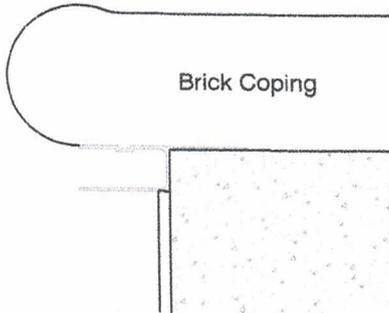
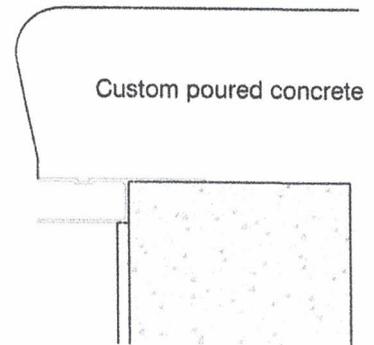
POOL COVER SPECIALISTS NATIONAL INC.

Outside Slider Gunite Track Retainer Cantilevered Coping Styles for GRO4100



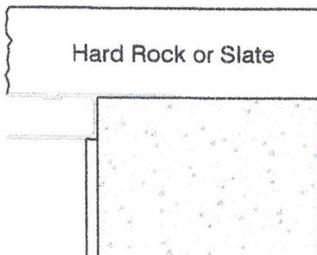
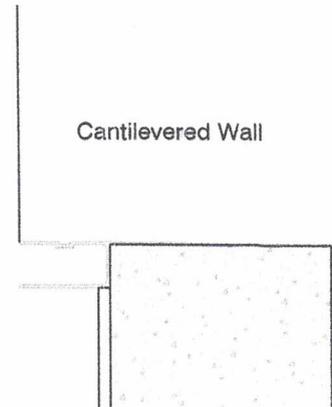
Use PCS form locks or Stegmeier forms

Use PCS forms (part # PCS 1111 or PAC 1010)



Bull nose brick applications where it is difficult to hang track to the brick

Cantilevered wall applications for a water feature or planter

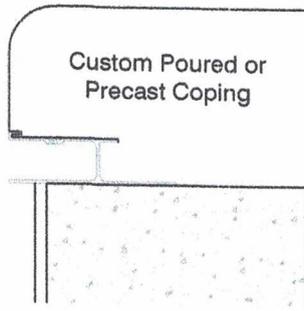


Hard rock or slate coping applications where it is hard to hang track to the rock or slate

Flush Mount

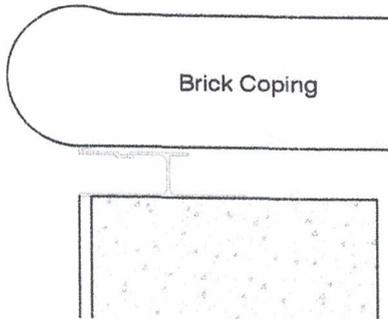
POOL COVER SPECIALISTS NATIONAL INC.

Outside Slider Gunite Track Retainer Cantilevered Coping Styles for GRO4000



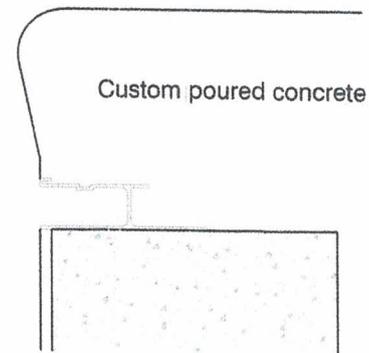
Custom Poured or Precast Coping

Use PCS form locks or Stegmeier forms

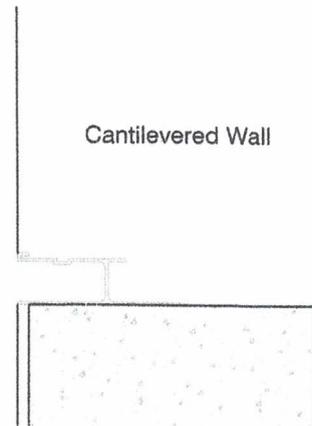


Brick Coping

Bull nose brick applications where it is difficult to hang track to the brick



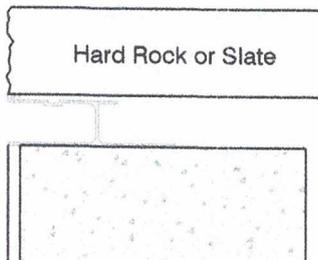
Custom poured concrete



Cantilevered Wall

Use PCS forms (part # PCS 1111 or PAC 1010)

Cantilevered wall applications for a water feature or planter



Hard Rock or Slate

Hard rock or slate coping applications where it is hard to hang track to the rock or slate

Pool Cover Specialists

Hydraulic Unit Conduit and Electrical Requirements

1. Run a 2 inch conduit from the pump location to the drive end of the vault, using only sweeps for turns.
2. Run a 1/2 -3/4 inch conduit from the pump location to the power supply with 3 #12 gauge high voltage wires pulled and a 20 amp GFI breaker.
3. Run a 1/2 inch conduit from the pump to the switch location. Pull 4 #18 to #22 gauge wires. Switch location must be a minimum of 5 feet off of the ground in full view of the swimming pool.
4. Run a 1/2 inch conduit from the pump location to the drive end side of the vault. Pull 4 #18 to #22 gauge wires.
5. Provide a 18" x 36" x 3" concrete pad at the pump location to mount the pump to.

Note: All of our Hydraulic power units are 220v.

Any questions please feel free to call Scott Norris for technical support @ 951-733-2432. This is his cell phone number. If he doesn't answer please feel free to text him if it is urgent that you speak to him or give the office a call and they can assist you. Office-800-996-1990.