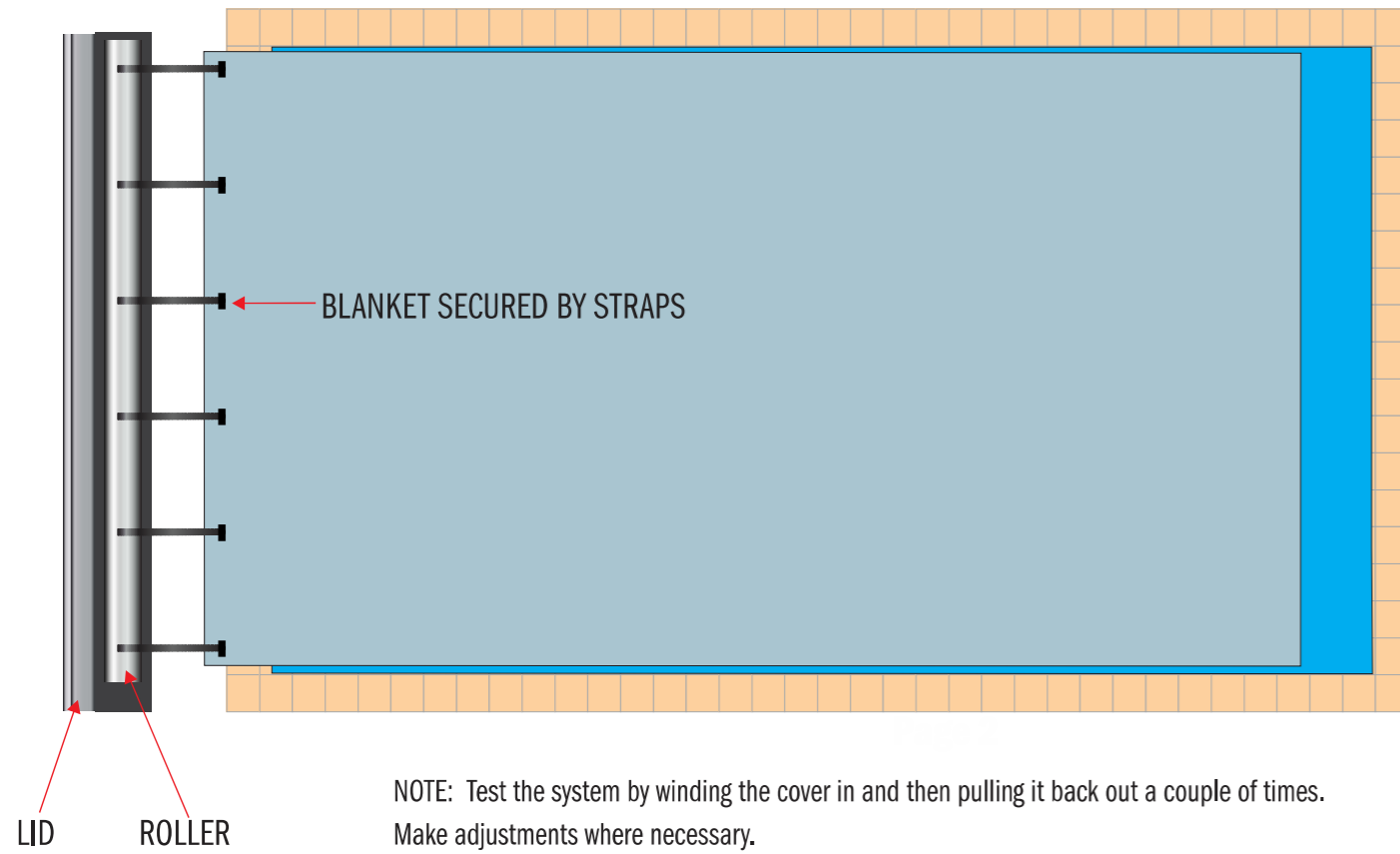


## STEP 6 - FITTING & INSTALLING THE THERMAL POOL COVER.

- Pull the cover material over the storage unit and across the pool.
- Cut the cover to fit neatly over the pool's entire surface area.
- Attach the cover edge to the roller every 500mm using the straps provided.
- The diagram below shows the straps attached and starting to pull the thermal blanket off the pool.
- Take care to prevent the straps and fixings from catching on the pool coping while winding.



SSL Distributors Limited

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## DOWNUNDER INSTALLATION GUIDE



THE ONLY BELOW-GROUND POOL COVER TO WIN  
POOL PRODUCT OF THE YEAR IS ..... DOWNUNDER!



Downunder Cover Storage Systems™ are designed to keep the pool cover and roller out of sight and out of the way.

They can be installed into a timber deck or into paved areas and are very simple to operate.



- Lift the hinged lid and pull out the Thermal Blanket to cover the pool.
- The Thermal Blanket will save energy, save water and keep the pool clean.
- Then close the lid so there's no bulky roller on the pool deck to get in the way.
- To open the pool for swimming, simply wind the cover back into the cavity .
- Then close the lid. Everything disappears!
- It's easy to install and affordable - it's DOWNUNDER!



Downunder IN-GROUND



## Standard Downunder™ Roller Lengths.

The Downunder Roller is available in the following standard lengths.

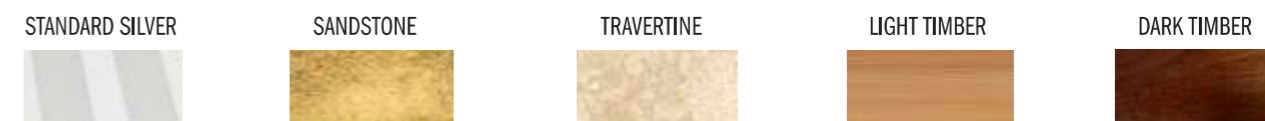
- 3.4m Suitable for pools with a waterline width up to 3.1m
- 3.9m Suitable for pools with a waterline width up to 3.6m
- 4.4m Suitable for pools with a waterline width up to 4.1m
- 4.9m Suitable for pools with a waterline width up to 4.6m

Special lengths can be ordered between 1m and up to a maximum length of 5.5m.

A Motorised Roller option is available - POA



Standard units are supplied with an anodised aluminium hinged lid. Coloured lids are available at extra cost.

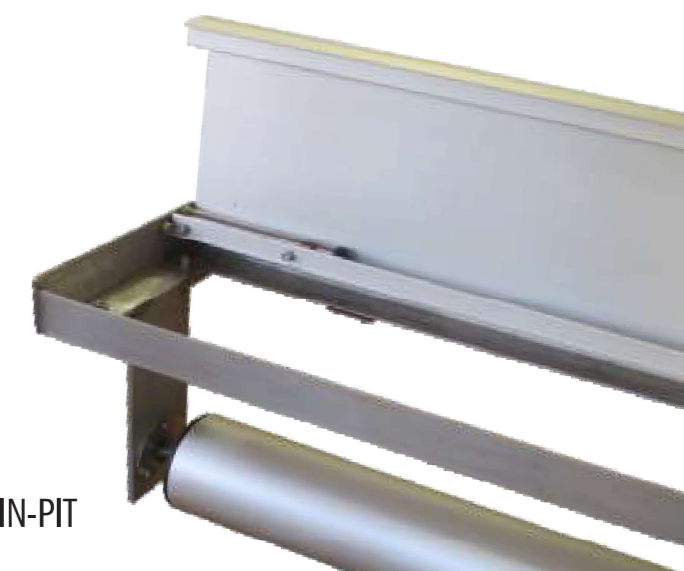


Non-standard orders have longer

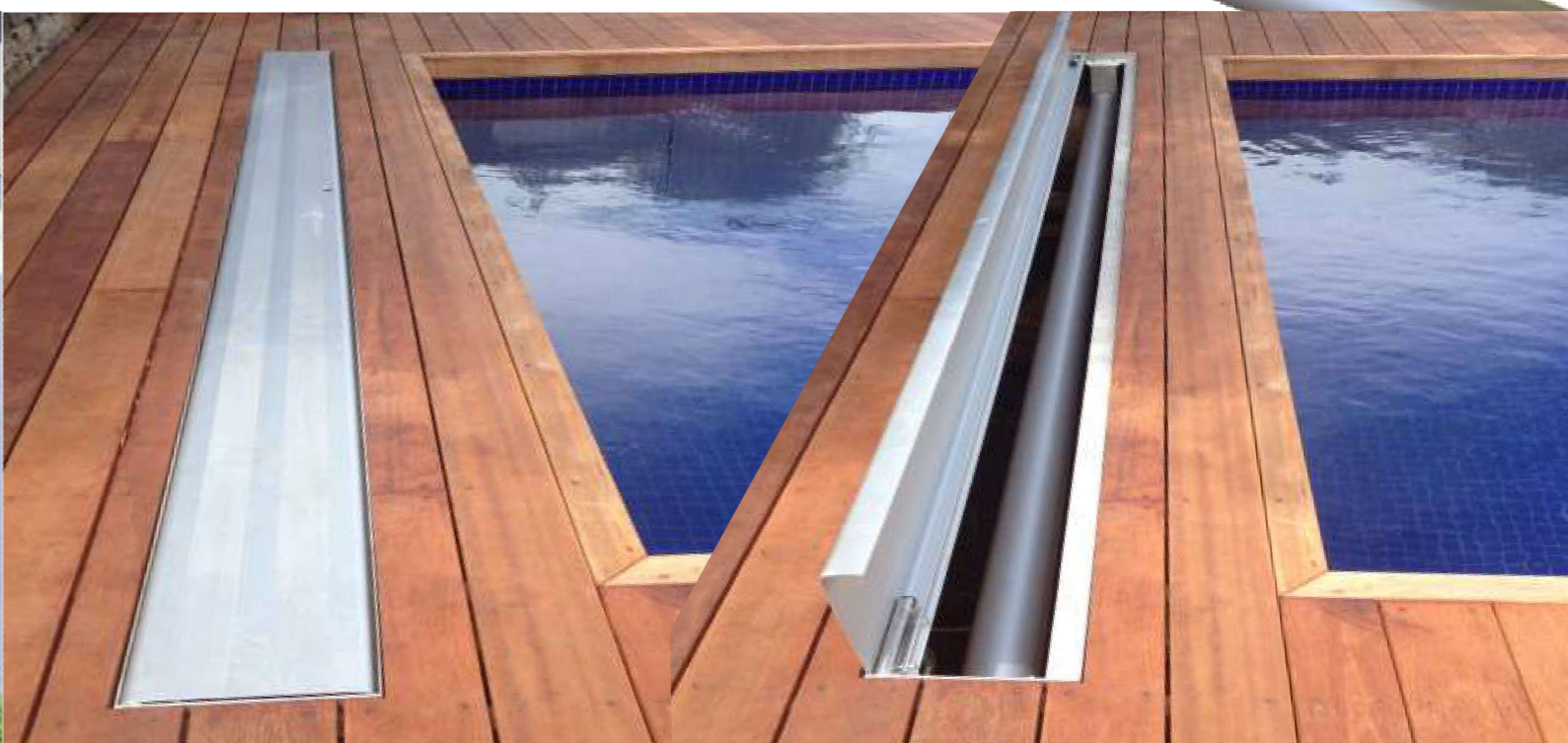
delivery time. Contact SSL

Distributors for details.

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Downunder IN-DECK or IN-PIT



# SIZING OF SUPPLY-ONLY 'DOWNUNDER'. (For both in-ground & under timber deck installations.)

## Step 1. CALCULATE PIT LENGTH

This is Step 1 for both in-ground & timber deck installations.

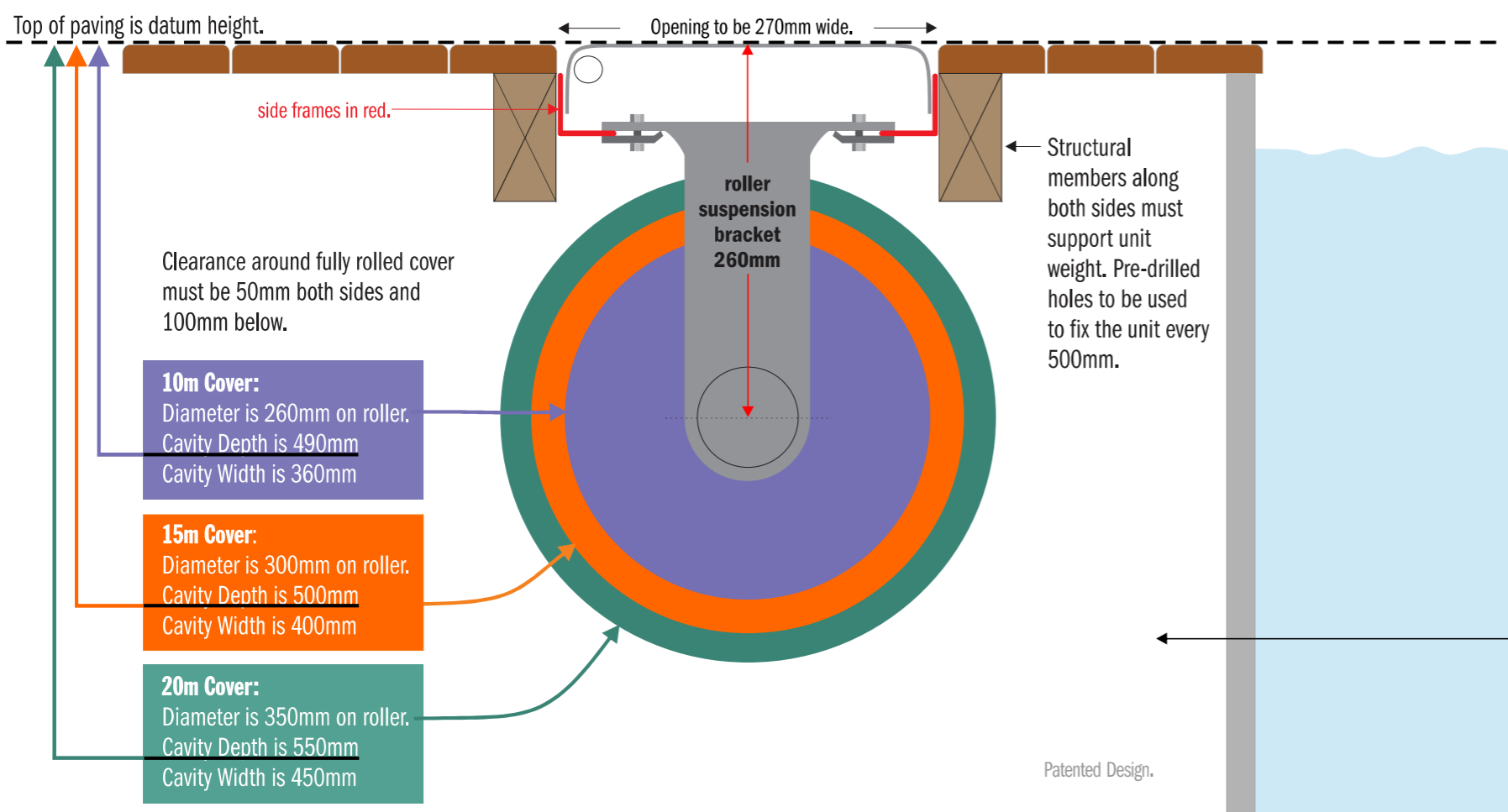
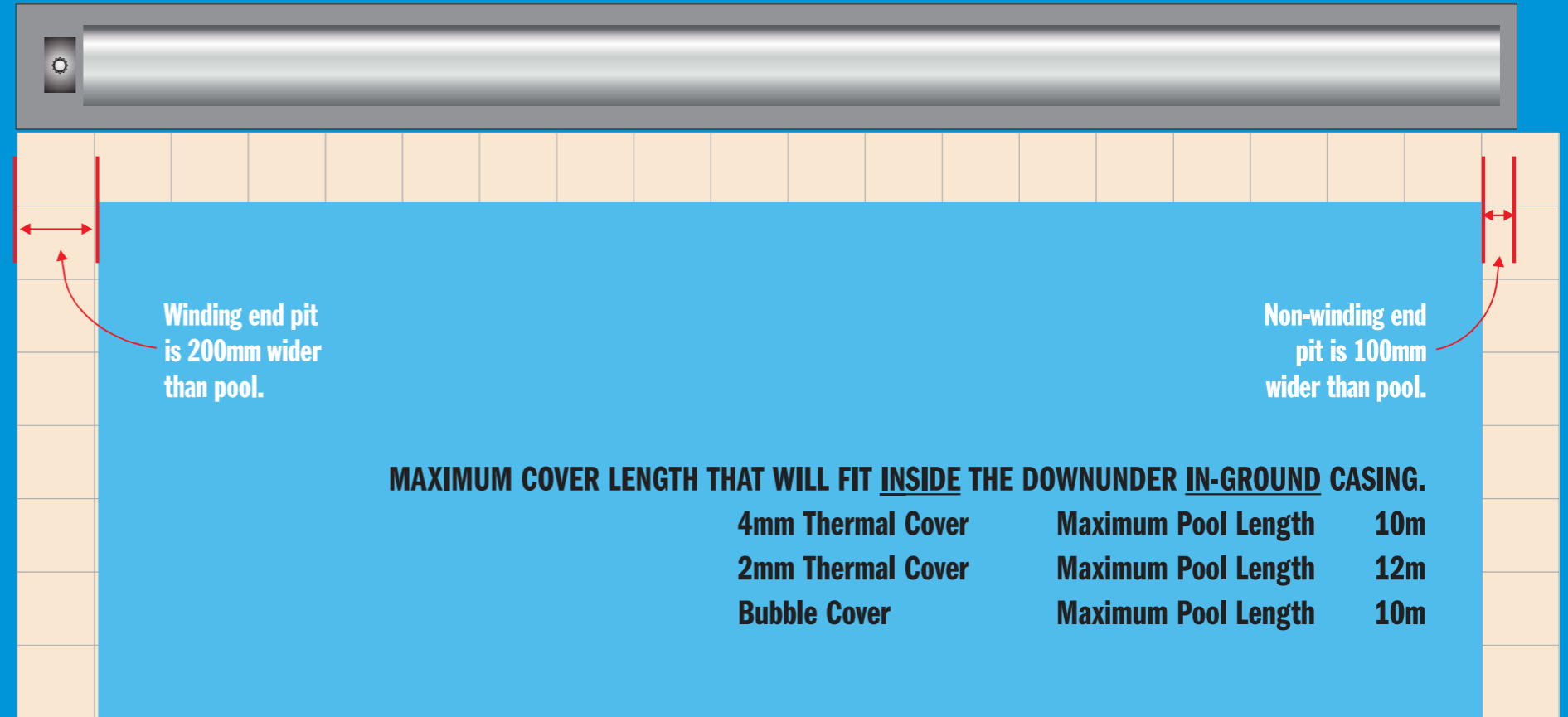
### LOCATION.

Place the unit as close to the pool as possible with the lid hinging away from the pool. The closer the unit is to the pool the less drag and damage might be caused to the Cover as it is pulled across the pool coping. The body of the unit should make a 90 degree angle to the direction of the pool cover travel.

### PIT/CAVITY LENGTH.

When calculating the minimum overall length of the roller mechanism, add 200mm to the width of the pool at the winder end and 100mm at the other end. Example: If the pool is 4.2m wide then the overall width of the Downunder needs to be 4.5m wide - (that's 4.2m + 200mm + 100mm = 4.5m total width). However, for the best overall appearance, we recommend 200mm on each side.

The pit can be longer than the minimum, but only to a maximum of 5.5m.



## OPTION A: TIMBER DECKING INSTALLATION

(Suitable for suspension under decking).

### Step 2A - CREATE A CAVITY OR PIT BELOW THE DECK.

The Downunder IN-DECK can be used in raised timber decking installations. First, a cavity must be created below the deck so the cover can be rolled up in unrestricted space.

The cavity must be 50mm wider on both sides and 100mm deeper than the cover.

It is the installer's responsibility to ensure all fixing is adequate and secure.

50mm x 50mm angle brackets are supplied with the IN-DECK version and are only needed if extra frame support is required from underneath.

See Timber Deck Diagram.

**NOTE: TOP OF LID & END FRAMES MUST SIT FLUSH WITH TOP OF DECKING.**

# OPTION B: TRADITIONAL IN-GROUND INSTALLATION - (Suitable for back-filling)

## DIGGING THE PIT.

The Downunder is 500mm wide and 445mm high by whatever length has been calculated.  
 The pit must be a minimum of 50mm wider on all sides.  
 It must also be 600mm below the top of the paving. See STEP 2 Diagram.

## ADEQUATE PIT DRAINAGE IS VERY IMPORTANT:

Holes have been provided in the base of the enclosure to allow water to drain out of the storage tube.  
 A bed of screening, and depending on soil type, a drainage pipe must be installed under the unit to carry any water away.  
 See STEP 3 diagram.  
 Pit depth will be determined by the method of drainage used.

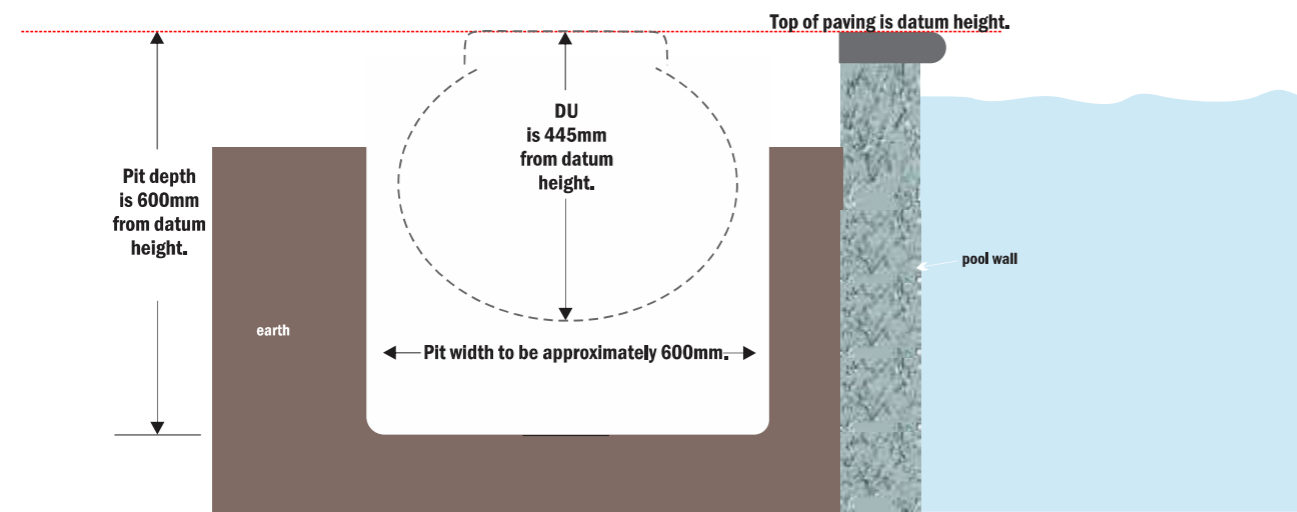
**PLEASE NOTE - IT IS THE INSTALLER'S RESPONSIBILITY TO IDENTIFY AND PROVIDE ADEQUATE PIT DRAINAGE.**

## INSTALLING THE UNIT AND BACKFILLING.

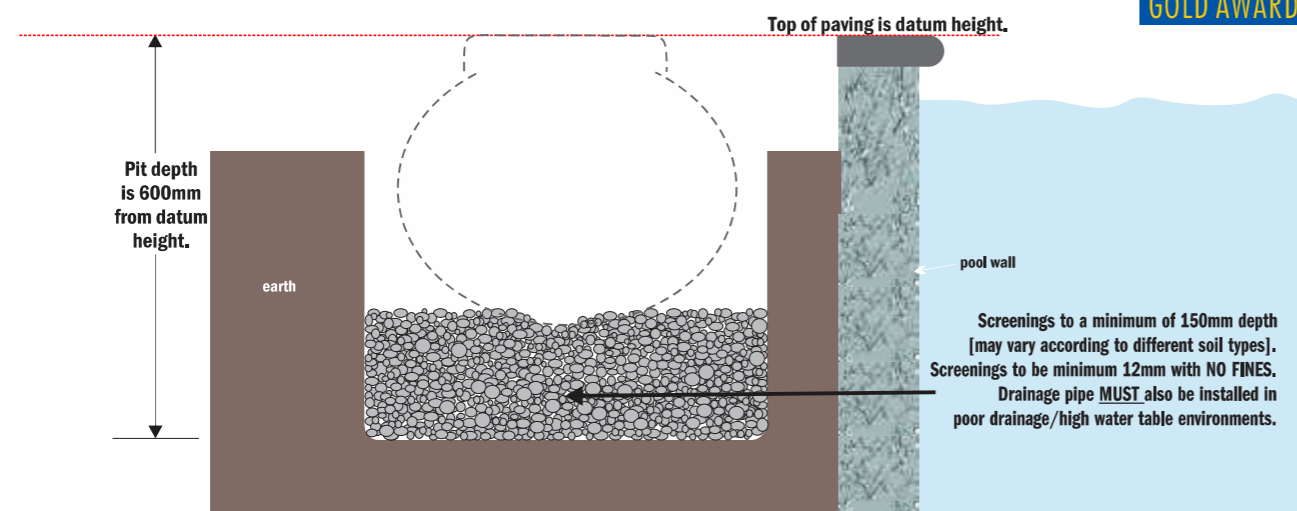
The unit should be placed in the pit and settled into the screenings until the top of the LID (not the top of the angle iron) is flush with the top of the pool pavers or surrounds.  
 The unit should then be backfilled on all sides as per STEP 4 diagram.  
 PLEASE NOTE: Do not cut internal braces prior to installation.

## CONCRETING & PAVING.

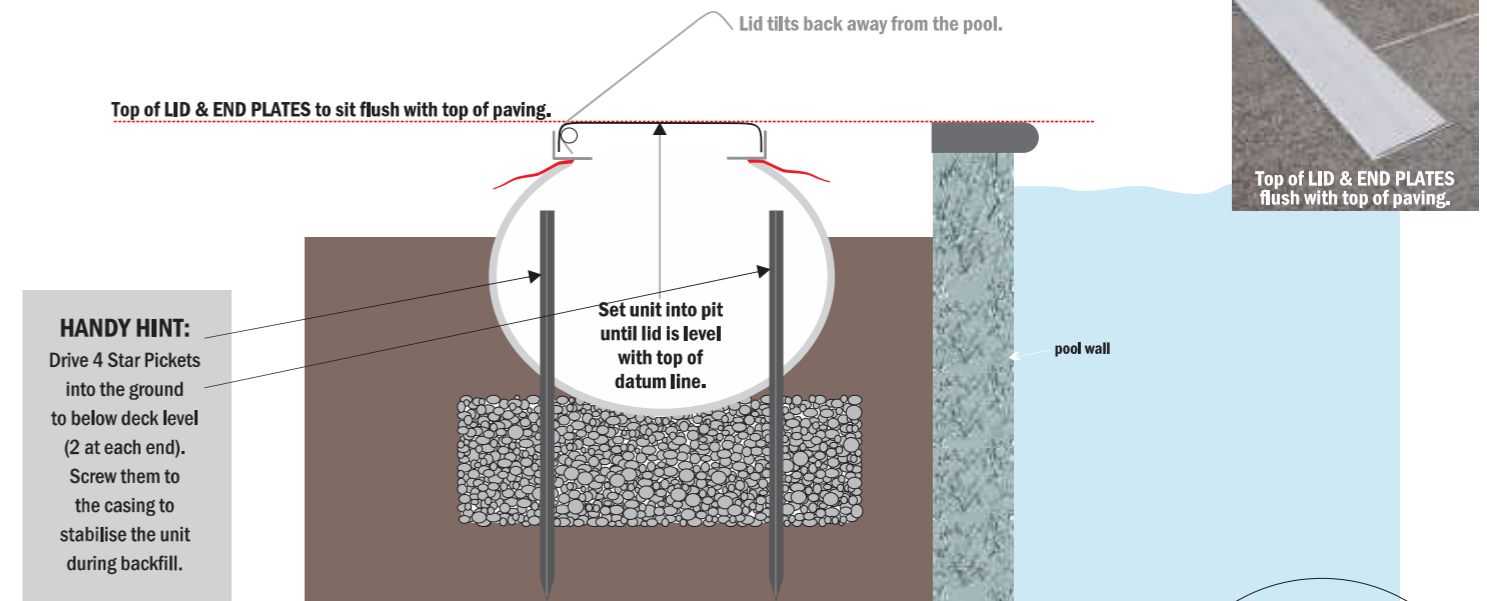
Make sure the concrete ties will be encased in concrete. If possible connect ties to reinforcing bars.  
 Pour concrete over the compacted backfill so the top of unit will flush with the finished pavers.  
Do not remove the protective cover until all the paving is completed - the concrete has cured and the pool surround or pavers have been completed and cured, only then remove the protective cover.  
 It is the builder's responsibility to ensure the hinged lid is not damaged during installation.



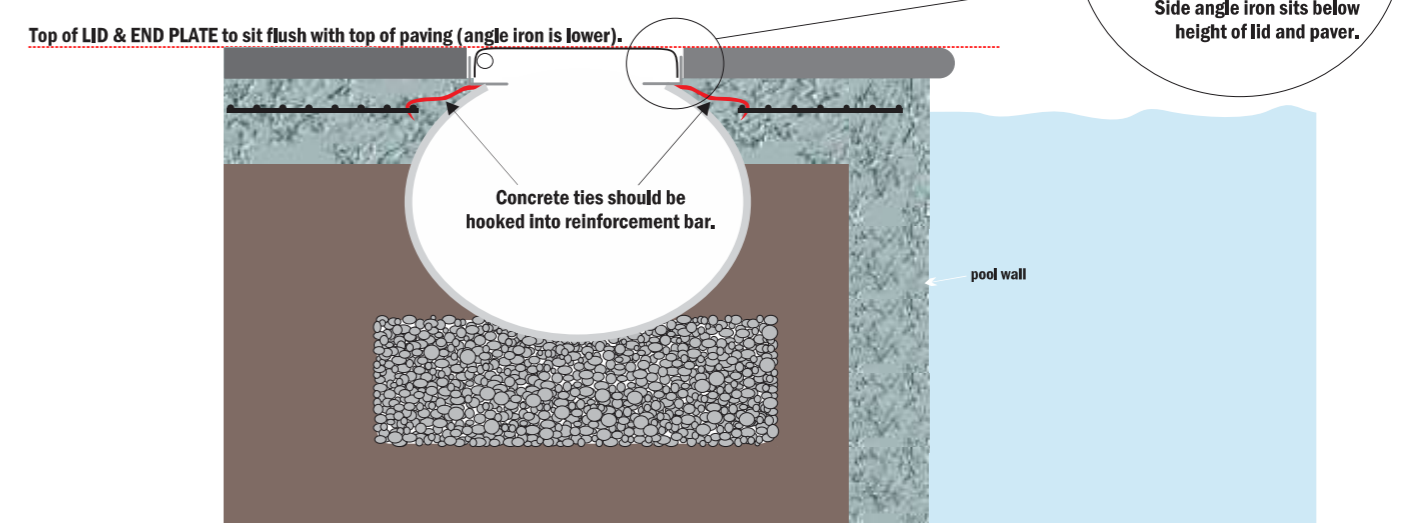
**Step 2B. PIT DEPTH & WIDTH**



**Step 3B. GOOD DRAINAGE IS ESSENTIAL**



**Step 4B. PLACING THE UNIT & BACKFILLING**



**Step 5B. TIE THE UNIT SECURELY INTO CONCRETE REINFORCING**

