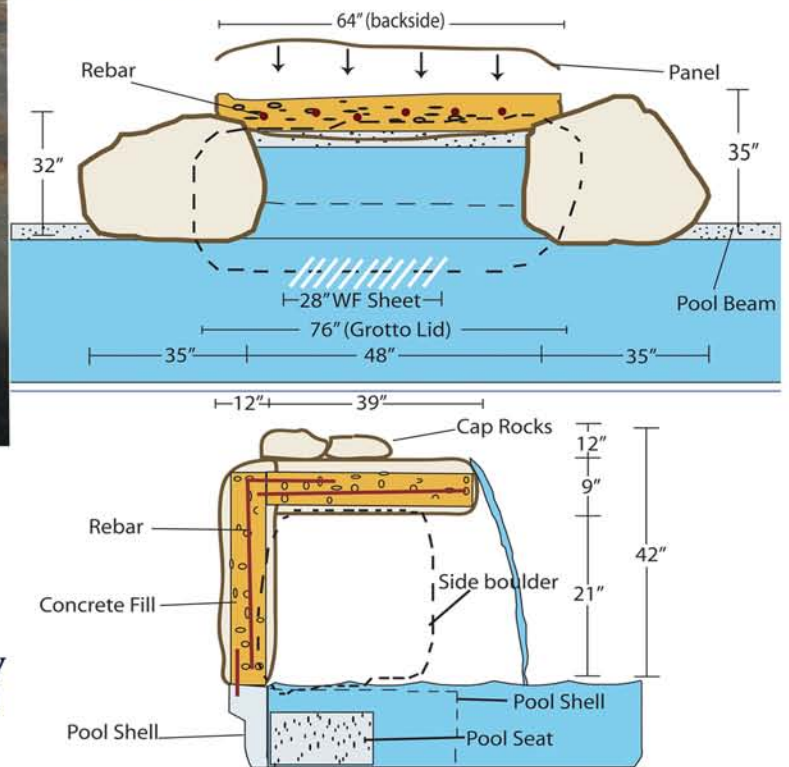




Loveseat Grotto Footprint



Structurally the Loveseat Grotto is like a balcony on a high rise hotel. The pool beam or footing anchors the wall and cantilever; the side boulders hold the lid in place for concrete but have no structural value so they can be set at any angle or recessed for a pool cover, for example.

Love Seat Grotto Cross Section



Construction Sequence:

Secure 24" rebar dowels to pool beam or pour separate footing for fiberglass or liner pools. Rebar should be #4, 12 inches on center, each way. Dowels should be 4 inches deep and set with epoxy or anchor cement.

Mortar side boulders #1,2,3 to pool beam and/or concrete pad.



Wire inside flat panel #4 to rebar schedule using wire inserts in casting. Allow 2-3 inches of clearance on each side of rebar for a 4-6 inch concrete wall. Brace panels before pouring concrete.





**Set grotto bottom piece #6
Should be level from side to side.**



**Splice rebar from grotto piece
into rebar schedule from pool
beam or footing.**



**Extend 2 inch pvc plumbing before
setting back casting #5. Also run
sleeves for lighting.**



**Fill back wall and top with concrete mix, 2000 psi
or better. Top should be level. Requires about
1/2 yard of concrete mix.**



**Set grotto top piece #7 in fresh concrete or mortar.
It must be level and shape should match the grotto
bottom piece. It will drain down when pump is
off if set properly.**



**Add 2 inches of concrete fill on each side of grotto
top and mortar in top rocks #8 and #9. Add two
90's to 2inch return line to discharge onto grotto
top. Set cap rock #10 to hide pipe.**



**Finish seam between grotto bottom and top.
Add accent colors to waterfall pieces. Set
small rocks as desired or to divert waterflow.**