

Well Slab Construction

The following method of well slab construction is acceptable for most wells:

1. Construct the slab of reinforced concrete using rebar or steel mesh. Construct forms around the well, and monolithically pour the concrete on the thoroughly compacted earth. Extend the slab at least two (2) feet in all directions from the well casing with a minimum thickness of six (6) inches, four (4) inches above and two (2) inches below surrounding ground level. In the area extending one (1) foot from the casing, extend the slab to a depth of at least one (1) foot.
2. Smooth trowel the slab surface and slope it away from the casing in all directions with sufficient fall to drain water away from the well.
3. Slabs are best when constructed as part of the annular seal process (if cement/concrete is used) otherwise pour the slab in contact with the sealant material in the annular space. Prior to placement of the slab, thoroughly clean the annular seal.
4. Extend the top of the well casing or pitless adapted to at least twelve (12) inches above the slab or 100 year flood plain, whichever elevation is greater.

NOTE: Some property owners are concerned about the appearance of a well casing or slab, especially if the well is located in a readily visible area. Wells are easy to camouflage, so as to be aesthetically pleasing. Some suggestions on accomplishing this are as follows:

1. Plant bushes or other vegetation around the perimeter of the slab.
2. Place a decorative fence or wall around the perimeter of the slab.
3. Cover the well with a decorative "wishing well".

