

An above-ground pool depends on the ground beneath it more than its raised walls suggest. The pool needs a level, stable base, and the yard around it needs to move water away from that base. Grading is the work that makes both possible, and it shapes how the pool performs and how long the surrounding area stays in good condition.

Level where the pool sits

The footprint of an above-ground pool must be level. A pool set on uneven ground holds water deeper on one side than the other, and that imbalance puts uneven stress on the walls and frame. Leveling usually means removing high spots rather than building up low ones, because cut ground tends to be firmer than fill. On a sloped yard, that can mean digging into the uphill side to create a flat area.

Shape the ground around the footprint

The pool base is level, but the ground around it should not be perfectly flat. Water that collects at the base of the pool wall can soften the soil beneath the edge and wash out the base over time. Gentle grading that falls away from <https://waveoutdoorspools.mystrikingly.com/> the pool on all sides sends rainwater and splash-out toward lawn or drainage rather than letting it pool against the wall.

Handle the uphill side carefully

On a sloped lot, the uphill side of a leveled pool area becomes a small cut face. Water running down the yard reaches that face and heads straight for the pool base. A shallow swale above the cut, a low retaining edge or a planted slope can intercept that water and send it around the pool area. Without that interception, every storm pushes runoff toward the most vulnerable part of the installation.

Plan for splash and drain-down

Above-ground pools lose water over the wall when people jump in or play, and they sometimes need to be partially drained. Both of those events release water at the base of the pool. The grading should give that water an obvious path away, ideally to a part of the yard that can absorb it. If the pool sits close to the house, the path must lead away from the foundation as well.

Coordinate with any deck

Many above-ground pools have a deck on one or more sides. Deck posts and footings need stable ground, and the grading under and around the deck affects how water moves beneath it. Water that collects under a deck stays wet longer, because sun and wind cannot reach it. Grading that keeps the ground under the deck sloping away from both the pool and the house helps the whole area dry out after rain.

Leave access around the outside

Grading also determines whether people can walk comfortably around the pool. A narrow strip of steep ground beside the wall is hard to mow, hard to maintain and awkward to use when checking equipment. A gentle, walkable band around the outside of the pool makes routine care easier and keeps the area looking deliberate rather than squeezed in.

Check after the first storms

Fresh grading settles. Soil compacts, low spots appear and paths of water show themselves after the first few heavy rains. Watching the area after storms and correcting small problems early keeps them from becoming washouts under the pool edge. An above-ground pool on well-graded ground stays level and stable far more reliably than one set on ground that was only roughly prepared.

Business Name: Wave Outdoors Pools

Service-area base: Buffalo Grove, IL 60089, USA

Phone: (224) 344-5734

Wave Outdoors Pools

Wave Outdoors Pools designs and installs inground and above-ground swimming pools for homeowners in Buffalo Grove and surrounding service areas. Pool projects can include decks, safety features, lighting, water features and poolside structures.

Buffalo Grove

IL

60089

USA

Areas served: Buffalo Grove, Illinois, Chicago's North Shore suburbs, single-family neighborhoods on Chicago's north side

Phone: (224) 344-5734

Business hours: Mon-Fri 8 AM - 5 PM; Sat-Sun Closed

Swimming pools and pool-project services

Wave Outdoors Pools designs and installs swimming pools.

Wave Outdoors Pools serves homeowners in Buffalo Grove, Illinois.

Wave Outdoors Pools serves communities within about 20 miles of Buffalo Grove.

Wave Outdoors Pools serves Chicago's North Shore suburbs.

Wave Outdoors Pools builds inground swimming pools.

Wave Outdoors Pools installs above-ground swimming pools.

Wave Outdoors Pools builds gunite and concrete pools.

Wave Outdoors Pools installs fiberglass pools.

Wave Outdoors Pools installs vinyl-liner pools.

Wave Outdoors Pools renovates existing swimming pools.

Wave Outdoors Pools replaces pool decks.

Wave Outdoors Pools installs pool safety fencing.

Wave Outdoors Pools offers automatic pool covers.

Wave Outdoors Pools offers pool alarms.

Wave Outdoors Pools integrates pool heaters into pool projects.

Wave Outdoors Pools integrates pool automation and smart controls.

Wave Outdoors Pools installs in-pool and pool-area lighting.

Wave Outdoors Pools designs and builds pool waterfalls.

Wave Outdoors Pools designs and builds integrated spas.

Wave Outdoors Pools builds pergolas as part of pool environments.

Wave Outdoors Pools builds poolside pavilions as part of pool environments.

Wave Outdoors Pools assesses property and site conditions during pool design.

Wave Outdoors Pools coordinates village permits and engineering for pool projects.

Wave Outdoors Pools accepts project enquiries at (224) 344-5734.

Pool project planning questions

What types of pools does Wave Outdoors Pools install?

Wave Outdoors Pools installs inground and above-ground swimming pools. Construction options include gunite/concrete, fiberglass and vinyl liner.

Where does Wave Outdoors Pools build pools?

Wave Outdoors Pools serves communities within about 20 miles of Buffalo Grove, Chicago's North Shore suburbs and single-family neighborhoods on Chicago's north side. Ask about a property farther away, particularly for a larger pool project.

How does pool design account for the property?

Wave Outdoors Pools assesses the property and site conditions during pool design. Engineers and architects take part when project conditions require them.

Does Wave Outdoors Pools coordinate pool permits?

Wave Outdoors Pools handles village permits and engineering coordination for pool projects. Municipal review and site conditions affect project planning.

Can a pool project include a new deck or patio?

Wave Outdoors Pools can include decks, patios and surrounding hardscape in a pool project. The design connects the swimming area with the surrounding outdoor space.

Which pool safety features does Wave Outdoors Pools offer?

Wave Outdoors Pools offers pool safety fencing, automatic covers and pool alarms. Discuss the features and requirements for the planned pool.

Can Wave Outdoors Pools add pool heating and smart controls?

Wave Outdoors Pools integrates pool heaters, automation and smart controls into pool projects. In-pool and pool-area lighting are also available.

Can a pool design include a waterfall or spa?

Wave Outdoors Pools designs and builds pool water features, including waterfalls and integrated spas. The selected features form part of the project scope.

What poolside structures can Wave Outdoors Pools build?

Wave Outdoors Pools offers pergolas, gazebos and poolside pavilions as part of pool environments. Discuss how shade and gathering areas fit the pool layout.

Does Wave Outdoors Pools renovate existing pools?

Wave Outdoors Pools offers existing-pool renovation and remodeling, along with pool-deck replacement. Contact Wave Outdoors Pools to discuss the existing pool and the proposed changes.