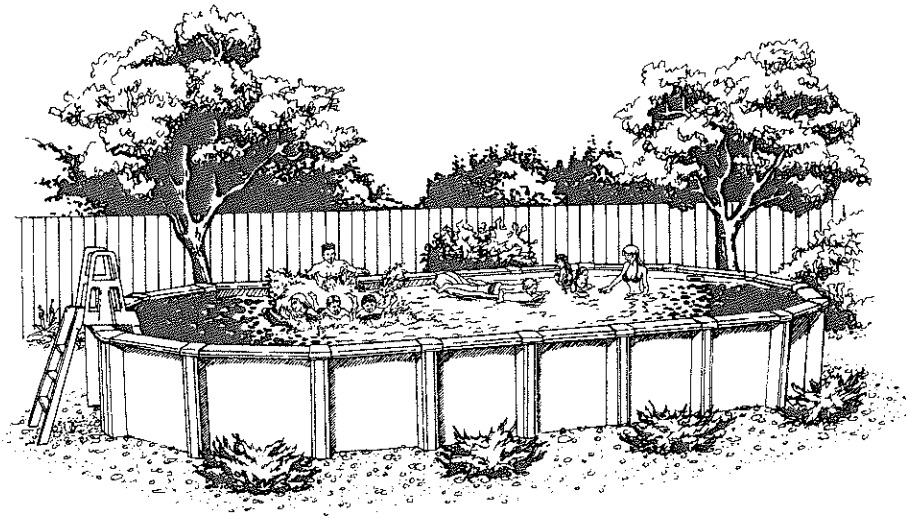


GROUND PREPARATION



The Key to a Successful Pool Installation

Preliminary Planning

Note: This brochure is a guide for ground preparation only. The pool assembly and installation instructions are packed with your pool. It is important, prior to starting your pool installation, that you take a few minutes to consider the following points:

- Check wall clearances to allow enough working area for your pool installation.
- Check for easements.
- Avoid trees and roots; do not allow leaves to fall into the pool.
- Avoid overhead power lines.
- Avoid underground piping and cables.
- Keep sprinklers away from pool sides.
- Select a pool site that allows for the proper supervision of swimmers as well as viewing children near the pool.
- Position the pump and filter near convenient electrical outlets.
- Avoid overhanging eaves to prevent water and debris runoff from your roof.
- Allow 12 inches of undisturbed soil around your pool (clearance radius).
- No sudden slopes within 6 feet of your pool.
- Do not install your pool on any abrasive area such as concrete, asphalt, peat moss, tar paper, gravel, wood, top of grass, or on soil which has recently undergone petroleum-based chemical treatments.
- Treat the ground inside the pool area with a non-petroleum based fungicide. This may help prevent fungus stains on the liner. Consult your Doughboy pool dealer.
- Do not install on nut grass or Bermuda grass. See your dealer for special instructions.
- Rid pool area of burrowing pests and insects such as gophers and termites.
- Avoid windy days during installation.
- Have 2 or 3 helpers to assist you during the pool assembly.



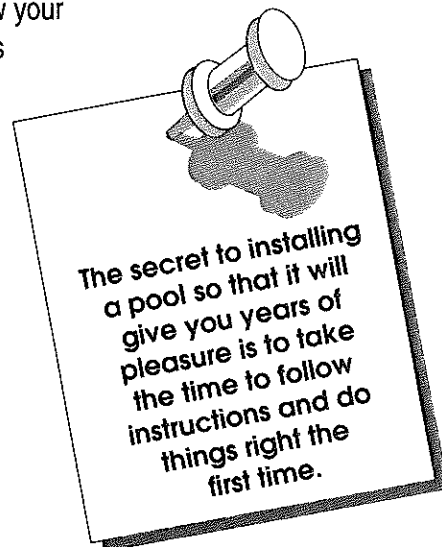
Doughboy Recreational • 315 N. Sebastian Street • West Helena, AR 72390

Ground Preparation

Proper ground preparation is the key to a successful pool installation, much like a solid foundation is essential to the construction of a building. Without these preliminary steps, the rest of the pieces don't go together correctly. That's why it's important to prepare and level your pool site as described in your instructions and Doughboy's pool installation video. Your pool warranty is void if the instructions are not followed 100%, so please follow your directions carefully! Be sure to read all instructions, including those for accessories such as filters, pumps, skimmers, etc., prior to starting.

Other aspects to consider:

- Check to see if building permits or utility clearances are required.
- Comply with safety codes regarding fencing and all electrical codes.
- If you decide to bury your Doughboy pool, you must use the Doughboy-specified procedures in order not to void your pool warranty. These are available at your local dealer.



Tools and Materials Checklist:

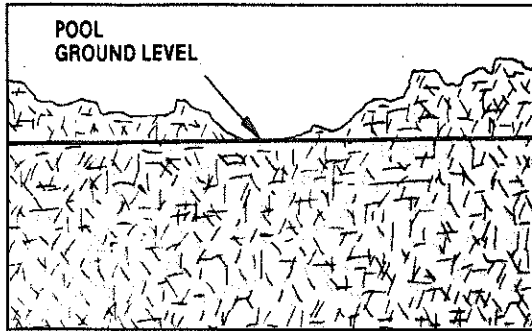
Please check off materials as you gather them up.



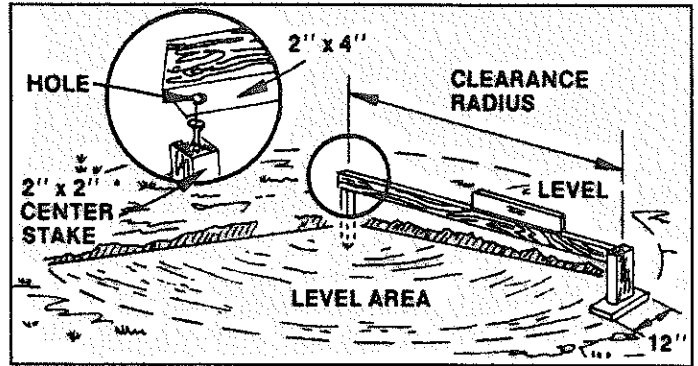
- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <input type="checkbox"/> Hammer <input type="checkbox"/> Flat end shovel <input type="checkbox"/> 5/16" hex nut driver <input type="checkbox"/> 25' tape measure <input type="checkbox"/> Garden rake <input type="checkbox"/> Tamping tool <input type="checkbox"/> Pliers <input type="checkbox"/> Screwdriver (large) <input type="checkbox"/> Carpenter's saw <input type="checkbox"/> Felt tip marking pen <input type="checkbox"/> Drill / Bit | <ul style="list-style-type: none"> <input type="checkbox"/> Sifting screen (to remove 1/8" pebbles and larger) <input type="checkbox"/> Sharp knife or single edge razor blade <input type="checkbox"/> 2' carpenter's level (transit recommended) <input type="checkbox"/> 7/16" wrenches — 2 <input type="checkbox"/> 9/16" wrenches — 2 (Ovals only) <input type="checkbox"/> Nails — 2 1/2" Long (1 doz.) <input type="checkbox"/> 12" x 12" x 2" patio blocks: rounds — 1 per vertical optional;
Com-Pac™ II ovals — 1 per round-end vertical optional;
Tuscany rounds — 1 per vertical required;
Tuscany ovals — 1 per round-end vertical required. <input type="checkbox"/> 8" x 8" x 16" concrete blocks (Com-Pac™ II ovals) <ul style="list-style-type: none"> 20' x 12' — 4 each 32' x 16' — 8 each 24' x 12' — 6 each 34' x 18' — 8 each 28' x 12' — 8 each 38' x 18' — 10 each 24' x 16' — 4 each 41' x 21' — 10 each 28' x 16' — 6 each <input type="checkbox"/> Quick Set Cement - 60 lb. bags (Com-Pac™ II ovals) <ul style="list-style-type: none"> 2 (dry weight) bags: 20' x 12'; 24' x 16' 3 (dry weight) bags: 24' x 12'; 28' x 16' 4 (dry weight) bags: 28' x 12'; 32' x 16'; 34' x 18' 5 (dry weight) bags: 38' x 18'; 41' x 21' <input type="checkbox"/> Ball of heavy string <input type="checkbox"/> Binder Clips — (1-1/4" - 2" size) 2 per top rail (available at stationary stores) <input type="checkbox"/> 2" x 4" wood — 12' minimum <input type="checkbox"/> Duct tape (2" wide) <input type="checkbox"/> Wood stakes 2" x 2" x 18" — 1 (rounds); approx. 12 (ovals) <input type="checkbox"/> Enamel, fast drying (not lacquer) <input type="checkbox"/> Pool coving |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Helpful Hints

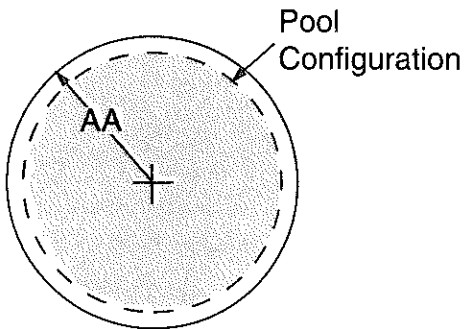
Leveling the frame area of the pool.



The entire assembled pool framework must sit on flat ground within 1" of level at opposite sides. Unlevel pools place extreme pressures on the pool walls. Remove high points, do not fill in low spots. Ground must always be firm.

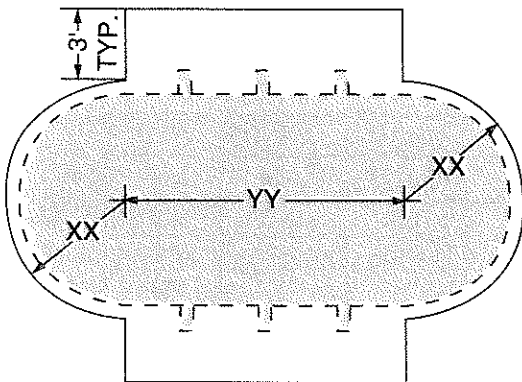


With a shovel and the constructed depth leveling tool shown above, remove sod and level pool area. Level to the lowest spot within pool area.



Round Clearances

Pool Size	12'	16'	18'	
Clearance AA	7'0"	9'0"	10'0"	
Pool Size	21'	24'	28'	32'
Clearance AA	11'6"	13'0"	15'0"	17'0"



Com-Pac™ II Support System Oval Clearances

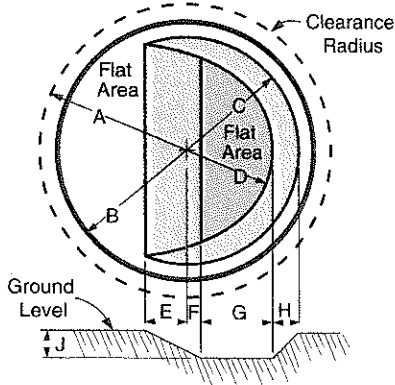
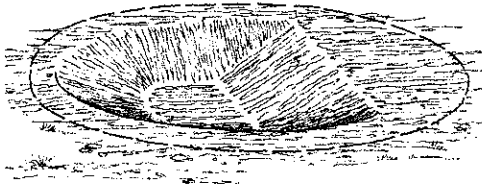
Pool Size	20' x 12'	24' x 12'	28' x 12'	24' x 16'	
Clearance XX	7'0"	7'0"	7'0"	9'0"	
Clearance YY	8'0"	12'0"	16'0"	8'0"	
Pool Size	28' x 16'	32' x 16'	34' x 18'	38' x 18'	41' x 21'
Clearance XX	9'0"	9'0"	9'11"	9'11"	11'5"
Clearance YY	12'0"	16'0"	16'0"	20'0"	20'0"

Note: Doughboy Recreational is in no way affiliated with any professional pool installer. Therefore, Doughboy can assume no responsibility for errors in installation by the homeowner or said professional pool installer. If you have the pool installed by others, please supervise to be sure they comply with proper installation techniques as shown.

Planning a Deep Swimming Area

An Optional Special-Purpose Deep Swimming Area is for underwater swimming only. **DO NOT DIVE OR JUMP!**

If an Optional Special-Purpose Deep Swimming Area is desired, excavate a deep end using the appropriate chart for your style pool. Our Round and Com-Pac™ II Support Oval pools with 20 or 25 Mil expandable liners are designed for excavation.



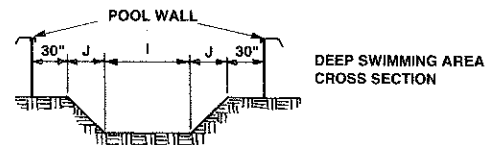
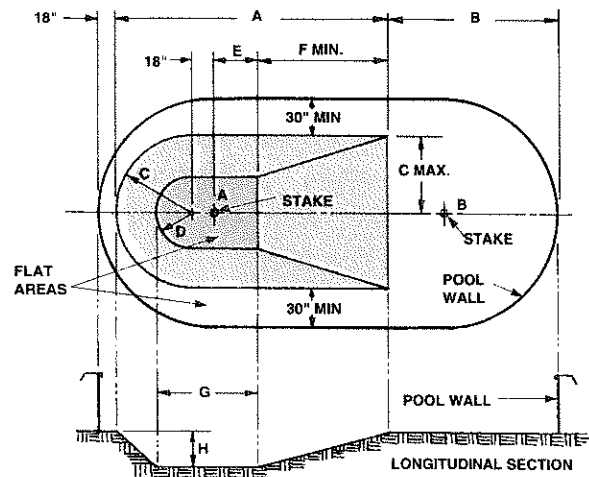
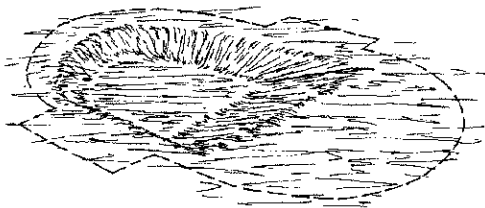
Round Dimensions

FIG.	12'	16'	18'	21'	24'	28'	32'
A	7'	9'	10'	11'-6"	13'	15'	17'
B	6'	8'	9'	10'-6"	12'	14'	16'
C	5'-3"	7'-3"	8'-3"	9'-9"	11'-3"	13'-3"	15'-3"
D	3'-9"	4'-9"	5'-3"	6'-9"	8'-3"	10'-3"	12'-3"
E	3'	4'	5'-6"	5'-3"	6'	7'	8'
F	1'-6"	3'-6"	3'-6"	3'-9"	3'	2'	1'
G	2'-3"	1'-3"	1'-9"	3'	5'-3"	8'-3"	11'-3"
H	1'-6"	2'-6"	3'	3'	3'	3'	3'
J	1'-6"	2'-6"	3'	3'	3'	3'	3'

For pools with 20 or 25 mil expandable liners only.

Using the center stake (Stake "A"-Round; Stakes "A" & "B" -Oval) as reference, select the dimensions for your pool size from the appropriate chart, then lay out the area and excavate.

Remember: **DO NOT DIVE OR JUMP** into the pool. Excavations are intended to provide a deeper and wider swimming area only.



Com-Pac™ II Support Oval Dimensions

FIG.	20' x 12'	24' x 12'	28' x 12'	24' x 16'	28' x 16'	32' x 16'	34' x 18'	38' x 18'	41' x 21'
A	12'-6"	14'-6"	17'-6"	15'-6"	17'-6"	19'-6"	21'-6"	23'-6"	25'-6"
B	6'-0"	8'-0"	9'-0"	7'-0"	9'-0"	11'-0"	11'-0"	13'-0"	14'-0"
C	3'-0"	3'-0"	3'-0"	5'-0"	5'-0"	5'-0"	6'-0"	6'-0"	7'-6"
D	1'-0"	1'-0"	1'-0"	2'-0"	2'-0"	2'-0"	3'-0"	3'-0"	4'-6"
E	2'-0"	4'-0"	7'-0"	0'-0"	2'-0"	4'-0"	5'-0"	7'-0"	7'-6"
F	6'-0"	6'-0"	6'-0"	9'-0"	9'-0"	9'-0"	9'-0"	9'-0"	9'-0"
G	4'-6"	6'-6"	9'-6"	3'-6"	5'-6"	7'-6"	9'-6"	11'-6"	13'-6"
H	2'-0"	2'-0"	2'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"
I	2'-0"	2'-0"	2'-0"	4'-0"	4'-0"	4'-0"	6'-0"	6'-0"	9'-0"
J	2'-0"	2'-0"	2'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"

IMPORTANT: If excavating your pool for an Optional Special-Purpose Deep Swimming Area, secure the excavated area against unauthorized, unsupervised, or unintentional entry. Also note that bad weather conditions, (esp. rain) can cause the excavation to cave-in. Plan accordingly before excavating.