SWIMMING POOL AND SPA PACKET

OC Planning

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OC PLANNING
A DIVISION OF OC PUBLIC WORKS

Permit Application

County of Orange

300 N. Flower Street
Santa Ana, CA 92703
714.667.8888
714.667.7575

Today's Date: _____ Permit #: _____

TYPE OF PERMIT

- ☐ RESIDENTIAL (RS)
- ☐ NON-RESIDENTIAL (NR)
- ☐ GRADING (Preliminary) (GA)
- ☐ GRADING (Precise) (GB)
- ☐ LANDSCAPING (LS)
- ☐ RESIDENTIAL TRACT (RT) *
- ☐ RETAINING WALL (RW) *

*(Separate attachment required for multiple submittal)

- ☐ PLUMBING (PB)
- ☐ MECHANICAL (ME)
- ☐ ELECTRICAL (EL)
- ☐ SWIMMING POOL/SPA (SW)
- ☐ SOLAR (SL)
- ☐ DEMOLITION (DM)
- ☐ SIGN (SB)
- ☐ OTHER _____

PROJECT INFORMATION

Address of Project: _____
Address City Zip

Legal Description: _____ Assessor Parcel Number (APN): _____

Location of Site (Decimal Degrees): _____ / _____ Example: 33.687 / 117.786
Latitude Longitude Latitude Longitude

Project Description: _____

STRCUTURE SIZE: _____ / _____ / _____ / _____ / _____
Total Basement 1st floor 2nd floor 3rd floor

GARAGE SIZE SQUARE FEET: _____ SITE ACREAGE: _____

Current Related Permits: _____

CONTACT INFORMATION

Owner Name: _____ Phone Number: _____

Owner Address: _____
Address City Zip

Contractor: _____ License #: _____

Address: _____ Phone Number: _____

Agent/Contact Person: _____ Affiliation: _____

Phone Number: _____ Fax: _____ Email: _____

ARCHITECT: _____ / _____ / _____ / _____ / _____
Name License # Street # City Phone #

ENGINEER: _____ / _____ / _____ / _____ / _____
Name License # Street # City Phone #

SOILS ENGINEER: _____ / _____ / _____ / _____ / _____
Name License # Street # City Phone #

Applicable to Grading Permits ONLY

ENGINEERING GEOLOGIST: _____ / _____ / _____ / _____ / _____
Name License # Street # City Phone #

CUBIC YARDAGE: CUT: _____ FILL: _____ EXPORT: _____

PROJECT ACREAGE: _____ WATER DISCHARGE I.D. NUMBER (WDID): _____

TOTAL SITE ACREAGE: _____ DISTURBED SITE ACREAGE: _____

Applicable to Sign Permits ONLY:

TENANT/BUSINESS NAME: _____

OCCUPANCY PERMIT NUMBER: _____

SIGNAGE DETAIL: Wall Sign Freestanding Single Face Double Face Illuminated Non-Illuminated

Height: _____ Length: _____ Sq Ft: _____ Ground Clearance: _____

ADDITIONAL INFORMATION (i.e. Sign Copy) : _____

DECLARATION:

DECLARATION:

I declare to the best of my knowledge that the information I have presented on this form and attached materials is true and correct. I also understand that additional data and information may be required prior to final approval of this application and that insufficient information/documents may delay the plan review process.

_____ _____ _____
Print Name **Signature** **Date**

STAFF USE ONLY

OTC **PLAN CHECK** **PLANNING APPLICATION** **PCRA** **CE**

ZONING: _____ **Coastal**

APN#: _____ **Flood Plain**

LEGAL: _____

PA/CP: _____ **Required**

PLANNER'S NAME: _____

SETBACKS	ACTUAL:	REQUIRED:
FRONT	_____	_____
SIDE (R)	_____	_____
SIDE (L)	_____	_____
REAR	_____	_____

Building Permit and Plan Check Process For Pools/Spas

County of Orange

To ensure that construction complies with building regulations and standards, the County requires building permits to be obtained before construction or change in occupancy can begin. Building plans are required for permit issuance.

Plans submitted for building permits are reviewed for compliance with County Building Ordinances (Building, Plumbing, Mechanical and Electrical Codes) and State building regulation such as Energy Conservation Regulations and Handicapped Accessibility Standards.

The plan check process is summarized below to help you get acquainted with the building permit and plan check process:

1. Applicant submits Building Permit Application at the Development Processing Center (DPC).

2. Applicant submits 3 sets of plans which consist of the following (DPC):

- ☐ Site plan (showing structures to be demolished.
- ☐ Structural Foundation Plan with cross-sections in both directions.
- ☐ Structural Details and Material Specifications.
- ☐ Structural Calculations if on standard plan used soils.
- ☐ Soil Report less than 6 months old signed by engineer (original).

*Smaller projects may not need all of the above items.

3. Applicant obtains Zoning clearance at DPC prior to permit issuance.

4. Pay Plan Check Fee at DPC Cashier.

5. Typical 1st Plan Check Corrections are completed in approximately 2 to 3 weeks.

6. Applicant re-submits corrected plans for re-check

7. Typical 1st Plan Re-Check Corrections are completed in approximately 1 to 2 weeks.

8. After plans are approved and all clearances are obtained, County will approve with site plans only showing pool /spa, three (3) sets of plans. One (1) set for the job site and one (1) for office archive. One (1) additional set of plans is required for Assessor's office.

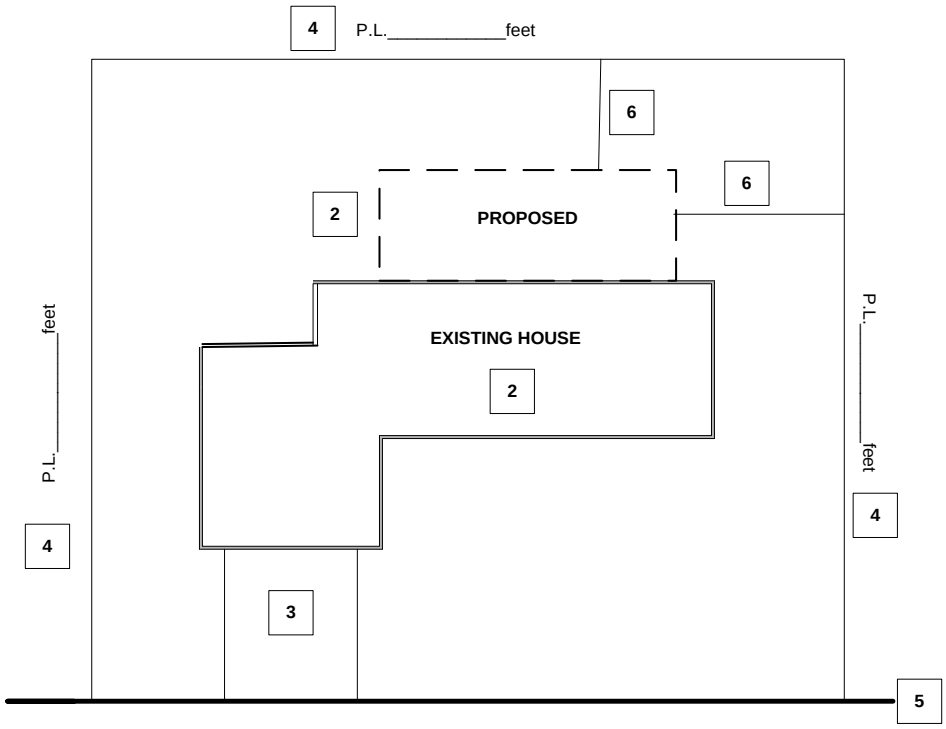
- ☐ Building permit issuance requires Workmen Compensation Insurance.
- ☐ Building permit issuance required California licensed contractor ID.
- ☐ Building permit issuance may be issued as Owner-Builder.

9. Applicant will call County Inspection Office to schedule inspection.

10. After final inspections, County will issue Certificate of Occupancy.

Typical Plot Plan

County of Orange



STREET NAME

_____

_____

_____

N

Scale: _____ = _____

1. Project Location information (i.e. APN/ Tract and Lot).
2. Building footprints and rooflines – Location and use of all existing and proposed structures and landscape areas, including size, dimensions and distances to property lines.
3. Access – Including driveways, exiting and proposed.
4. Property lines – Include and label all building site dimensions and ownership boundaries.
5. Ultimate street right-of-way lines – Including name, location, size and distance from property lines, and location of sidewalks, curb and gutter, and edge of pavement, public or private.
6. Show setbacks from property lines.
7. Easements – Including location, purpose, and dimensions. (i.e. Flood Plain, Utilities, Ingress/Egress, Open Space Conservation / Scenic, etc.)
8. Fencing and Walls – Include retaining walls, existing and proposed, with heights from grade inside the outside at all turning points and the center points of all straight sections.

Swimming Pool | Spa

County of Orange

APPLICATION QUESTIONNAIRE

(TO BE COMPLETED BY APPLICANT)

Building Permit/Plan Check Number: _____

		YES	NO
1.	Is the Pool/Spa for a single-family dwelling?	☐	☐
2.	Do you have an approved Orange County Standard Plans?	☐	☐
	Indicate number:		
3.	Do you have an approved Erosion and Sediment control plan approved by Building Permit Services?	☐	☐
4.	Do you have an approved fire ant form?	☐	☐
5.	Does the project site have an active grading permit?	☐	☐
6.	Is the project located in a floodplain?	☐	☐
7.	Is the project site served by a septic system?	☐	☐

Applicant shall note on plans that a minimum of 5' high non-climbable fence is provided in compliance with **SECTION 3109.4.4.3B** of the **CBC 2010 edition.**

You must submit your plans for plan check with a plan check deposit. Please pay the cashier once valuations are done for complete submittal.

Declaration:

I declare that the foregoing is true and correct to the best of my knowledge. I understand that incorrect answer will cause delay to inspection approval and issuance of a stop work order.

_____

SITE ADDRESS | SIGNATURE OF APPLICANT | DATE

Special Inspection Program And Designation Of Special Inspectors

County of County

SPECIAL INSPECTIONS (Only checked items are required)	
INSPECTION ITEMS	**SPECIAL INSPECTOR(S)** NAME, PHONE NUMBER, REGISTRATION
☐ Concrete (Design Mix, Form Work, Placement, etc., per table 1704.4)	
☐ Erection of Pre-Cast Concrete Members	
☐ Bolts Installed in Concrete	
☐ Reinforcing Steel & Pre-Stressing Steel Tendons	
☐ Structural Welding/Rebar Welding	
☐ High-Strength Bolting/Material Verification	
☐ Steel Frame Joint Details	
☐ All Masonry Construction	
☐ Sprayed Fire-Resistive Materials	
☐ Shotcrete (Curing Temperature, Design Mix, Placement, Strength etc., per table 1704.4)	
☐ Soils (Excavation, Fill, etc., per table 1704.7)	
☐ Smoke-Control System	
☐ Piles per table 1704.8	
☐ Piers per table 1704.9	
☐ Mastic & Intumescent Fire-Resistant Coatings	
☐ Exterior Insulation & Finish Systems (EIFS)	
☐ Wood for High-Load Diaphragms	
☐ Others:	
☐ Others:	
☐ Others:	
☐ Others:	

DECLERATION BY OWNER OR ARCHITECT/ENGINEER OF RECORD:

I, the ☐ Owner ☐ Engineer or ☐ Architect of record, declare that the above listed Special Inspector(s) is/are hired by me.

Print Name	Signature	Date

Pool | Spa Note Sheet

County of Orange

THE FOLLOWING POOL NOTES MUST BE ON PLANS

1) Pool and/or spa shall be completely enclosed by 5' minimum high fencing and gates with no openings greater than 4". Gates to be self-enclosing and self-latching with latch a minimum of 5' high and must be swinging outward.
2) Glazing within 5' of water edge shall be tempered.
3) Pool equipment not to exceed noise level required by Orange County Noise Ordinance Section 4-6-5 of Division 6 Orange County Codified Ordinance.
4) Special Inspection is required on pools/spas during gunite or shortcrete placement in accordance with 2010 CBC Sections 1704.4, 1704.15, 1913 and Table 1704.4.
5) Concrete, gunite and shotcrete used in pools/spas construction shall be resistant to sulfates per 2010 CBC Chapter 19 and ACI 318 Table 4.3.1. Use F'c=4500 psi 28 day compressive strength with Type V Cement (maximum water/cement ratio = .45 per ACI Table 4.3.1) unless otherwise specify by soil report.
6) For expansive soil, scheduled required use 100 PCF level lot and 125 PCF for slopes when soil report is not available.
7) All electrical shall be in conformance with the 2010 CEC.
8) Pool shell and perimeter paved and unpaved surfaces shall be bonded in accordance with CEC 680.26(B). Bonding to perimeter surfaces shall be provided as specified in CEC 680.26(B)(2)(A) or (2)(B) and shall be attached to the pool reinforcing steel or cooper conductor grid at a minimum of (4) points uniformly spaced around the perimeter of the pool.
9) Pool/spa water heater and gas piping installation to be in conformance with the 2010 CPC.
10) Two return drains required, one drain at bottom and one drain at side 2" within bottom, minimum 4' apart with anti-vortex covers.
11) Contractor is advised to refer to Section 115928 of the California Health and Safety Code for proper installation of the pool drain system.
12) All drains, grates, protective devices & skimmer cover for swimming pools/spas must be approved by this agency prior to installation.
13) All equipment shall be installed per manufacturers' recommendations and in accordance with the County of Orange regulations.
14) Prior to steel inspection, Building Inspection will require a memo from the Soil/Geotechnical Engineer stating "Pool excavation is suitable for the support of the structure and the design assumptions are considered adequate."
15) Dirt and construction debris shall go to a legal dump site.
16) Property markers must be visible at the time of Inspection or a survey will be required.

NOTICE COUNTY PROPERTY PERMIT REQUIRED

CURB CUTS, DRIVEWAYS, EXAVATIONS, STORAGE OF MATERIAL OR ANY REPAIR WORK IN, OVER, ALONG A CROSS OR THROUGH ANY HIGHWAY WITHOUT FIRST OBTAINING A PERMIT TO DO SO FROM OC PUBLIC WORKS | OC PLANNING IS AN UNLAWFUL ACT. Sec 6-1-2 Orange County Code (may take 4-6 weeks to obtain permit).

DIVISION II – CA STATEWIDE HEALTH & SAFETY CODE

NOTE: These regulations are subject to local government modification. The applicable local government requirements at the time of application for a building permit should be verified.

NOTE: These standards become applicable commencing January 1, 2007, to a private, single-family home for which a construction permit for a new swimming pool has been issued on or after January 1, 2007.

3109.4.4.1 Definitions. As used in this division, the following terms have the following meanings:

APPROVED SAFETY POOL COVER means a manually or power-operated safety pool cover that meets all of the performance standards of the American Society for Testing and Materials (ASTM), in compliance with Standard F 1346-91.

Enclosure means a fence, wall or other barrier that isolates a swimming pool from access to the home.

EXIT ALARMS means devices that make audible, continuous alarm sounds when any door or window that permits access from the residence to the pool area, that is without any intervening enclosure, is opened or is left ajar. Exit alarms may be battery operated or may be connected to the electrical wiring for the building.

PUBLIC SWIMMING POOL means a swimming pool operated for the use of the general public with or without charge, or for the use of the members and guests of a private club. Public swimming pool does not include a swimming pool located on the grounds of a private single-family home.

SWIMMING POOL OR POOL means any structure intended for swimming or recreational bathing that contains water over 18 inches (457 mm) deep. Swimming pool includes in-ground and above-ground structures and includes, but is not limited to, hot tubs, spas, portable spas and non portable wading pools.

3109.4.4.2 Construction permit; safety features required. Commencing January 1, 2007, except as provided in Section 3109.4.4.5, whenever a building permit is issued for construction of a new swimming pool or spa, or any building permit is issued for remodeling of an existing pool or spa, at a private, single-family home, it shall be equipped with at least one of the following seven drowning prevention safety features:

1. The pool shall be isolated from access to a home by an enclosure that meets the requirements of Section 3109.4.4.3.
2. The pool shall incorporate removable mesh pool fencing that meets American Society for Testing and Materials (ASTM) Specifications F 2286 Standards in conjunction with a gate that is self-closing and self-latching and can accommodate a key lockable device
3. The pool shall be equipped with an approved safety pool cover that meets all requirements of the ASTM Specifications F 1346
4. The residence shall be equipped with exit alarms on those doors providing direct access to the pool.
5. All doors providing direct access from the home to the swimming pool shall be equipped with a self-closing, self-latching device with a release mechanism placed no lower than 54 inches (1372 mm) above the floor.
6. Swimming pool alarms that, when placed in pools, will sound upon detection of accidental or unauthorized entrance into the water. These pool alarms shall meet and be independently certified to the ASTM Standard F 2208 "Standards Specification for Pool Alarms" which includes surface motion, pressure, sonar, laser and infrared type alarms. For purposes of this article, "swimming pool alarms" shall not include swimming protection alarm devices designed for individual use, such as an alarm attached to a child that sounds when the child exceeds a certain distance or becomes submerged in water.
7. Other means of protection, if the degree of protection afforded is equal to or greater than that afforded by any of the devices set forth in items 1-4, and have been independently verified by an approved testing laboratory as meeting standards for those devices established by the ASTM or the American Society of Testing Mechanical Engineers (ASME).
8. Prior to the issuance of any final approval for the completion of permitted construction or remodeling work, the local building code official shall inspect the drowning safety prevention devices required by this act and if no violations are found, shall give final approval.

Authority: Health and Safety Code Section 18942(b)
Reference: Health and Safety Code Section 115922
Ab 3305 (Statutes 1996,c.925); Ab2977 (Statutes 2006, c926); Ab 382 (Statutes 2007,c.XXX)

3109.4.4.3 Enclosure; required characteristics. An enclosure shall have all of the following characteristics:

1. Any access gates through the enclosure open away from the swimming pool and are self-closing with a self-latching device placed no lower than 60 inches (1524 mm) above the ground.
2. A minimum height of 60 inches (15425 mm).
3. A maximum vertical clearance from the ground to the bottom of the enclosure of 2 inches (51 mm).
4. Gaps or voids, if any, do not allow passage of a sphere equal to or greater than 4 inches (102 mm) in diameter.
5. An outside surface free of protrusions, cavities or other physical characteristics that would serve as handholds or footholds that could enable a child below the age of five years to climb over.

Authority; Health and Safety Code Section 18942(b)
Reference: Health and Safety Code Section 115923
Ab 3305, Statutes 1996, C.925

3109.4.4.4 Agreements to build; notice of provisions. Any person entering into an agreement to build a swimming pool or spa, or to engage in permitted work on a pool or spa covered by this article, shall give the consumer notice of the requirements of this article.

Pursuant to existing law, the Department of Health Service shall have available on the department's web site, commencing January 1, 2007, approved pool safety information available for consumers to download. Pool contractors are encouraged to share this information with consumers regarding the potential dangers a pool or spa poses toddlers. Additionally, pool contractors may provide the consumer with swimming pool safety materials produced from organizations such as the United States Consumer Product Safety Commission, Drowning Prevention Foundation, California Coalition for Children's Safety & Health, Safe Kids Worldwide, Association of Pool and Spa Professionals, or the American Academy of Pediatrics.

Authority: Health and Safety Code Section 18942(b)
Reference: Health and Safety Code Section 115926
Ab 3305 (Statutes 1996, C.925); Ab 2977 (Statutes 2006, c..926); Ab 382 (Statutes 2007, C.xxx)

3109.4.4.5 Exempt facilities. The requirements of this article shall not apply to any of the following:

1. Public swimming pools.
2. Hot tubs or spas with locking safety covers that comply with the American Society for Testing Materials Emergency Performance Specification (ASTM ES 13-89)
3. Any pool within the jurisdiction of any political subdivision that adopts an ordinance for swimming pool safety that includes requirements that are at least as stringent as this division.
4. An apartment complex or any residential setting other than a single-family home.

Authority: Health and Safety Code Section 18942(b)
Reference: Health and Safety Code Section 115925
Ab 3305 (Statutes 1996, c.925); Ab 2977 (Statutes 2006, c.926); Ab 382 (Statutes 2007, c.XXX).

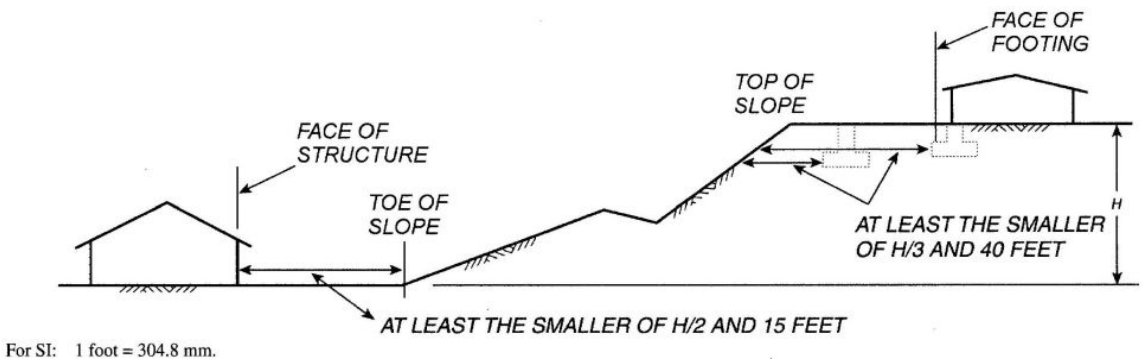
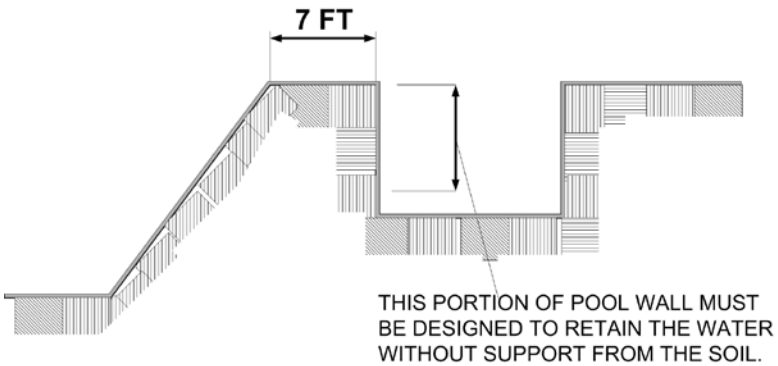


FIGURE 1808A.7.1
FOUNDATION CLEARANCES FROM SLOPES

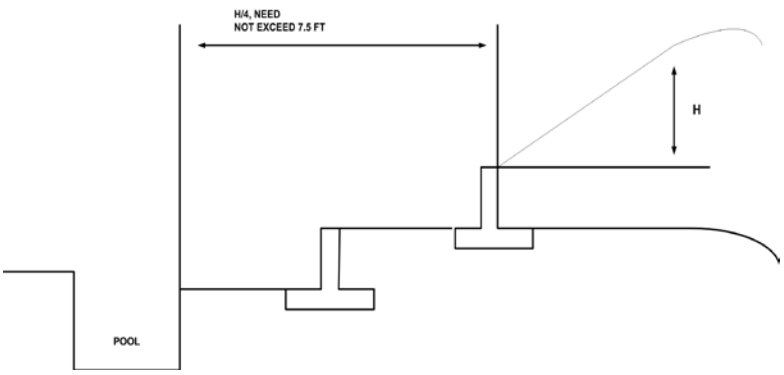
1808A.7.1 Building clearance from ascending slopes. In general, buildings below slopes shall be set a sufficient distance from the slope to provide protection from slope drainage, erosion and shallow failures. Except as provided for in Section 1808A.7.5 and figure 1808A.7.1, the following criteria will be assumed to provide this protection. Where the existing slope is steeper than one unit vertical in one unit horizontal (100-percent slope), the toe of the slope shall be assumed to be at the intersection of a horizontal plane drawn from the top of the foundation and a plane drawn tangent to the slope at an angle of 45 degrees (0.79 rad) to the horizontal. Where a retaining wall is constructed at the toe of the slope, the height of the slope shall be measured from the top of the wall to the top of the slope.

1808A.7.2 Foundation setback from descending slope surface. Footings on or adjacent to slope surfaces shall be founded in firm material with an embedment and set back from the slope surface sufficient to provide vertical and lateral support for the footing without detrimental settlement. Except as provided for in Section 1808A.7.5 and Figure 1808A.7.1, the following setback is deemed adequate to meet the criteria. Where the slope is steeper than 1 unit vertical in 1 unit horizontal (100-percent slope), the required set-back shall be measured from an imaginary plane 45 degrees (0.79 rad) to the horizontal, projected upward from the toe of the slope.

1808A.7.3 Pools. The setback between pools regulated by this code and slopes shall be equal to one-half the building footing setback distance required by this section. That portion of the pool wall within a horizontal distance of 7 feet (2134 mm) from the top of the slope shall be capable of supporting the water in the pool without soil support.



SWIMMING POOL ADJACENT TO DESCENDING SLOPE
FIGURE 1806-6



Cooperative Red Imported Fire Ant Project

County of Orange

Orange, Los Angeles, and Riverside County Agricultural Commissioners – CDFA – USDA
Address: California Department of Food and Agriculture - RIFA Program
PO. Box 2017 Los Alamitos, CA 90720
PH: (562) 795-1100 **FAX:** (562) 795-1117

TO ALL CONCERNED WITH SOIL MOVEMENT IN ORANGE COUNTY AND THE QUARANTINED AREAS OF RIVERSIDE AND LOS ANGELES COUNTIES:

There are quarantines established against the red imported fire ant (RIFA) in all of Orange County and parts of Los Angeles and Riverside Counties (California Code of Regulations 3432 and Code of Federal Regulation 301.81). Articles and commodities regulated include soil; baled hay and baled straw stored in direct contact with ground; plants and sod with roots and soil attached; used soil moving equipment, unless free of all non-compacted soil and any other product, article, or means of conveyance when it is determined by the department or county agricultural commissioner to present hazard of spreading live red imported fire ant and the person in possession has been so notified. It is unlawful to move within or from the quarantine area a commercial shipment of any commodity mentioned, except when certified by the department or county agricultural commissioner in accordance with the regulations.

RIFA Project would certify movement of soil from or within the quarantine area. The inspections are free. Please contact at least 3 days in advance to schedule an inspection, by sending a fax of this document and attached RIFA Form CA-1 (Notification of Intent to Move Soil). Inspection consists of determining if RIFA are present by visual survey or by trapping the area using protein baits (canned lunch meat). Certification for movement of soil within the quarantined area will be based on the severity of RIFA in the general area where the soil is being excavated in conjunction with where the soil is to be moved. RIFA Form CA-1 (attached) may be faxed to RIFA Project office with the appropriate information each time you have soil-moving project. If no RIFA are found at the site of origination, movement is permitted and a certification will be provided stating that the site found negative for RIFA. If RIFA are found at the origination site, movement is prohibited until a pesticide treatment plan is established as required by Project personnel.

The certification requirement for movement of soil would apply to persons dealing in soil movement such as grading, digging, landscaping, and other building projects. If you are unsure as to whether or not your project is subject to these requirements, please fax a copy of RIFA Form CA-1 to (562) 795-1117. We will respond within 3 to 4 business days (Mon-Thu).

Thank you for your cooperation and help in this matter.

I have read and understand this document:

RIFA Compliance Agreement No*: _____

_____ (print name)

_____ (signature)

Company: _____ Phone #: _____

Address: _____ Date: _____

Job Site Address: _____

It is the responsibility of each person involved in the movement of soil to report sightings of ants.
***We will assign you an identification number (RIFA Compliance Agreement Number) when you fax or mail in your request for an inspection.**

Revised 3/11/08...8.5.08/Web

COOPERATIVE RED IMPORTED FIRE ANT (RIFA) PROJECT

Notification of Intent to Move Soil from or within Quarantined Areas of

Orange, Los Angeles, and Riverside Counties

Address: California Department of Food and Agriculture - RIFA Program
PO. Box 2017 Los Alamitos, CA 90720
PH: (562) 795-1100 FAX: (562) 795-1117

RIFA Compliance Agreement #	

Permit #		
Issuing City/County Agency:		

Name of Company Requesting Approval: _____

Contact Person: _____

Address: _____ City: _____ Zip: _____

Telephone: _____ Fax: _____

Excavation Location: _____ TB*: _____

_____ Acres: _____

Destination Location: _____ TB*: _____

_____ Acres: _____

Estimated Quantity of Soil (e.g. # Cubic Yards): _____

Anticipated Date of Movement: _____

Urgency Level for Immediate Inspection and Release: [Circle One] **High Medium Low**

TO BE COMPLETED BY RIFA PROJECT REGULATORY OFFICAIL ONLY:

☐ Movement of Soil is Permitted.

☐ Hold Movement Until Site Checked – WE WILL CALL AS SOON AS POSSIBLE TO SCHEDULE INSPECTION DATE AND TIME.

Date Trapped: _____ # of Traps: _____ Trapped by: _____ Acres: _____
Date Picked Up: _____ Comments: _____ PDR #: _____

☐ Soil Movement is Strictly Prohibited for the Following Reason(s):

_____

Name of RIFA Project Regulatory Official: _____ Date: _____

Signature: _____

Rev. 3/1/08

*TB is Thomas Brothers page and grid designation **Please allow 3-4

NPDES Notes

County of Orange

Notes must be shown as worded, on the title sheet of the plan.

1. In the case of emergency, call _____
   at Work Phone # _____
   or Home Phone # _____

2. Sediment from areas disturbed by construction shall be retained on site using structural controls to the maximum extent practicable.

3. Stockpiles of soil shall be properly contained to minimize sediment transport from the site to streets, drainage facilities or adjacent properties via runoff, vehicle tacking, or wind.

4. Appropriate BMP's for construction-related materials, wastes, spills shall be implemented to minimize transport from the site to streets, drainage facilities, or adjoining properties by wind or runoff.

5. Runoff from equipment and vehicle washing shall be contained at construction sites unless treated to reduce or remove sediment and other pollutants.

6. All construction contractor and subcontractor personnel are to be made aware or the required best management practices and good housekeeping measures for the project site and any associated construction staging areas.

7. At the end of each day of construction activity all construction debris and waste materials shall be collected and properly disposed in trash or recycle bins.

8. Construction sites shall be maintained in such a condition that an anticipated storm does not carry wastes or pollutants off the site. Discharges of material other than stormwater only when necessary for performance and completion of construction practices and where they do not: cause or contribute to a violation of any water quality standard; cause or threaten to cause pollution, contamination, or nuisance; or contain a hazardous substance in a quantity reportable under Federal Regulations 40 CFR Parts 117 and 302.

9. Potential pollutants include but are not limited to: solid or liquid chemical spills; wastes from paints, stains, sealants, glues, limes, pesticides, herbicides, wood preservatives and solvents; asbestos fibers, paint flakes or stucco fragments; fuels, oils, lubricants, and hydraulic, radiator or battery fluids; fertilizers, vehicle/equipment wash water and concrete wash water; concrete, detergent or floatable wastes; wastes from any engine/equipment steam cleaning or chemical degreasing and superchlorinated potable water line flushing.

During construction, permittee shall dispose of such materials in a specified and controlled temporary area on-site, physically separated from potential stormwater runoff, with ultimate disposal in accordance with local, state and federal requirements.

10. Dewatering of contaminated groundwater, or discharging contaminated soils via surface erosion is prohibited. Dewatering of non-contaminated groundwater requires a National Pollutant Discharge Elimination System Permit from the respective State Regional Water Quality Control Board.

11. Graded areas on the permitted area perimeter must drain away from the face of slopes at the conclusion of each working day. Drainage is to be directed toward desilting facilities.

12. The permittee and contractor shall be responsible and shall take necessary precautions to prevent public trespass onto areas where impounded water creates a hazardous condition.

13. The permittee and contractor shall inspect the erosion control work and insure that the work is in accordance with the approved plans.

14. The permittee shall notify all general contractors, subcontractors, material suppliers, lessees, and property owners: that dumping of chemicals into the storm drain system or the watershed is prohibited.

15. Equipment and workers for emergency work shall be made available at all times during the rainy season. Necessary materials shall be available on site and stockpiled at convenient locations to facilitate rapid construction of temporary devices when rain is imminent.

16. All removable erosion protective devices shall be in place at the end of each working day when the 5-Day Rain Probability Forecast exceeds 40%.

17. Sediments from areas disturbed by construction shall be retained on site using an effective combination of erosion and sediment controls to the maximum extent practicable, and stockpiles of soil shall be properly contained to minimize sediment transport from the site to streets, drainage facilities or adjacent properties via runoff, vehicle tracking, or wind.

18. Appropriate BMPs for construction-related materials, wastes, spills or residues shall be implemented and retained on site to minimize transport from the site to streets, drainage facilities, or adjoining property by wind or runoff.

Demolition of a swimming pool requires preparing the pool for backfilling, and placement and compaction of backfill material.

The procedure is authorized by issuance of a demolition permit which may be obtained at the Environmental Management Agency's Development Processing Center (DPC).

- Break out two minimum 12" diameter or equivalent holes in the pool bottom for drainage. One of the holes in the pool bottom for drainage - One of the holes shall be at the low point in the pool.
- Place a 12" think layer of pea gravel or #4 rock over the entire bottom of the pool. Decking or coping that is removed from the pool before the gravel/rock is placed. Maximum dimension of broken decking and/or coping may not exceed 12".
- Continue to backfill the pool with easily compacted "dirty" sand, commonly called fill sand at building supply outlets. Fill with dirty sand to within 30" of the final surface. Ninety percent relative compaction is required which should easily be achieved with hand equipment on 6" thick sand lifts with prudent use of water.
- If hardscape is to be constructed over the pool area, fill sand may be placed up to the subgrade level for the hardscape material.
- If the pool area is to be landscaped, the upper 18" may be backfilled with suitable planting medium.
- Final grading of the area shall be done so as to avoid ponding of irrigation or rainfall.
- The area of the pool backfill will not be suitable for construction such s a room addition until a foundation investigation is performed which will included compaction tests of the backfill.
- Inspections by a Building Inspector will be required of the following aspects of work:
    1. Wiring System to pumps and/or lighting shall be disconnected and all wiring associated with pool shall be removed from conduits or raceways
    2. Gas line shall be disconnected and capped off at meter and equipment.
    3. The "drain" holes at the bottom of the pool must be observed.
    4. The correct backfill rock and sand must be observed.
    5. Finish grading will be inspected for proper drainage.

If the backfill rock and are on site in **sufficient** quantity when inspection of the drain hole is made, then no further inspection is required until the backfilling is completed at which time a final inspection will be made. If the backfill material is not on site or the volume is **insufficient**, then an inspection will be necessary to observed placement and compaction of the backfill material.