ROCKLIN
CALIFORNIA

SWIMMING POOL
&
SPA

SUBMITTAL
CHECKLIST

City of Rocklin Community Development Department
3970 Rocklin Rd. Rocklin , CA 95677
P. 916.625.5120 I **F.** 916.625.5195 I **TTY.** 916.632.4013
www.rocklin.ca.us

SWIMMING POOL/SPA SUBMITTAL CHECKLIST

Job Address:_____BP #:_____

Applicant's Initials	City Staff Use Only	Documents Required for Building Permit Submittal
		Building Permit Application
		Project Contact Information Sheet
		Owner-Builder Form if Applicable
		Pool Excavation Disposal, Grading, Erosion & Sedimentation Control Statement
		Pool Equipment Information Form
		CF2R-PLB-03-E Energy Form (2 sets)
		Electric Load Worksheet (required if electric service panel is under 200 amps)
		Pool plans (3 sets) Drawn to scale, includes property line dimensions, dimensions to other existing/proposed structures, north arrow & pool plan preparer's signature.
		Steel schedule/stock plans (2 Sets) *(Wet-signed by Engineer Including Supporting Structural Calculations)*
		Erosion & Sediment Control Plan or notes added to the pool plans
		Photos (minimum of 4 full-page color photos from at least 4 vantage points)
		Encroachment Permit Approved by Public Services (916-625-5500) *(Not applicable in gated communities)*

Applicant's Initials	City Staff Use Only	Items to be Shown on Pool Plan (Verified by Permit Technician/Sr. Office Assistant)
		Pool/spa setbacks to property line: 3' side, 3' rear, 5' remaining side
		Pool equipment setbacks to property line: 3' Vent on gas pool heating equipment: 4' to property line and openable windows
		Point of access for pool construction equipment *(An encroachment permit is required to cross City property.)*
		Property line dimensions and easements
		Reverse corner lot/corner lot
		Flood plain (100 year)
		Drainage: Indicate drainage pattern using arrows or include location and details for subsurface drainage systems. All new yard drain pipe shall be SDR35 or stronger. Flex pipe is not permitted.
		Fill areas addressed with engineering documents *(May require additional engineering or structural observation)*
		Slopes: Indicate all existing and proposed side and rear yard slopes. Grading plan may be required on hillside lots.
		Design Review Lots: May require a grading plan if there are grading restrictions associated with the subdivision. See Notice to Pool Contractors & Homeowners attached related to Design Review subdivisions.
		Overhead power lines if existing over the rear yard area
		Pools/spas cannot encroach into front or street side setbacks
		Oak trees (6" or over in diameter measured at 4-1/2 feet above the root crown) Indicate and label all oak trees and their dripline if within path of access or in rear yard area.

Applicant's Initials	City Staff Use Only	Items to be Shown on Pool Plan (Verified by Permit Technician/Sr. Office Assistant)
		New gas lines/electrical conduit shall not be mounted on the front or street side elevations of the house and shall be painted to match the existing wall color.
		Fencing: Show perimeter fence material & height at all sides (5' minimum height) with self-closing, self-latching gates to swing away from pool. Must comply with RMC 17.08.150.
		Pool barrier method (Senate Bill No. 442) Must comply with 2 of the below noted drowning prevention safety features: -Approved safety pool cover -Enclosure that isolates the pool/spa from the single-family residence -Exit alarms on the doors providing direct access to the pool/spa. -Swimming pool alarm placed in pool (Must comply with ASTM Standard F2208) -Removable mesh fencing (Must comply with ASTM F2286)
		If the fence/wall has physical characteristics that could serve as handholds/footholds, a door alarm is required as well as 1 of the following: 1) Removable mesh fencing; 2) Approved safety cover; 3) Floating alarm; 4) Other means approved by testing laboratory as meeting standards established by ASTM or ASME. (See RMC Section 17.08.150)

Applicant's Initials	City Staff Use Only	Items to be Shown on Pool Plan (Verified by Building Inspector/Plan Check Staff)
		Retaining walls: Indicate existing/proposed retaining walls (Include height, type of material and distance to pool structure (Retaining wall calculations may be required)
		Glazing requirement: Indicate glazing requirements (Safety glass is required if water's edge is closer than 5' to glazing)
		Landing requirement: Indicate landing requirements at exterior doors (Must be at least 3' x 3' or decking) Handrail detail if over 3 stair risers.
		Solar stubbing or solar panels: Indicate solar stubbing or submit solar panel certification and specs, if applicable.
		Decking: Show and label any proposed pool decking, including material of decking and method of bonding (Decking within 3' of pool requires bonding.)
		Gas or electric runs: Indicate gas or electric runs for pool equipment and other fuel burning elements (BBQ, fire pits, fireplaces, future spas, etc.) Gas runs: Provide run, material, size and equipment BTUs. Gas lines are required to be sleeved through concrete. Electric runs: Provide electric run, conductor type and size and conduit type/size. Metal to be bonded within 5'of pool Location of electric service panel and gas meter shown on pool plan
		Means of egress for sleeping rooms are not obstructed by pool equipment.
		Review CF2R-PLB-03-E energy form
		Review steel schedule/stock plan & structural calculations
		Review Electric Load Worksheet (if electric service panel is less than 200 amps)

I hereby acknowledge that the above-mentioned plan requirements are hereby submitted with my building permit application. I fully understand that if the minimum requirements, documents and plans have not been met, the review, processing and issuing of my pool permit may take additional time.

Print Name:_____

Signature:_____ Date:_____
(Contractor, Authorized Agent or Owner/Builder)

City of Rocklin **Building Division**
3970 Rocklin Road Rocklin CA 95677 (916) 625-5120 Fax (916)625-5195

PROJECT CONTACT INFORMATION

In order to assure project correspondence is transmitted to the appropriate person, all comments or questions will be forwarded to the contact person designated below. It is important the Building Division be notified if the contact person changes.

Project Name:_____

Project Location/Address:_____

Project Description:_____

Contact Information:

Contact Name: _____

Company Name: _____

Address: _____

City/State/Zip: _____

Phone: _____

Fax # _____ E-mail:_____

Contact's Relationship to Project:

- ❑ Applicant
- ❑ Contractor
- ❑ Engineer/Architect/Designer
- ❑ Property Owner
- ❑ Other:_____

OFFICE USE ONLY

Building Permit #_____ Application Date:_____

Comments to be:

- ❑ Mailed
- ❑ Faxed
- ❑ E-mailed
- ❑ Courtesy phone call when comments are ready

Special Instructions:

City of Rocklin
Community Development Department
3970 Rocklin Road
Rocklin, CA 95677
P.916-625-5120/F.916-625-5195/TTY.916-632-4013
www.rocklin.ca.us

Swimming Pool/Spa Design Criteria

All construction shall comply with the minimum requirements of the following codes effective January 1, 2020 and shall be noted on the cover sheet of the pool plans:

- 2019 California Administrative Code
- 2019 California Building Code (includes Parts 8 & 10)
- 2019 California Residential Code
- 2019 California Electrical Code
- 2019 California Mechanical Code
- 2019 California Plumbing Code
- 2019 Residential Energy Code
- 2019 Green Building Standards (CALGreen)
- 2019 Referenced Standards
- All City Ordinances - https://www.rocklin.ca.us/city-municipal-code
- All State Laws

Design requirements shall be considered to apply as follows:

- Minimum soil bearing pressure of 1,500 pounds per square foot (without soil analysis)
- Steel schedule to comply with moderate expansive conditions unless otherwise noted in a site specific soils report.
- Seismic Site Design Criteria Category D (without soils analysis)
- Climate Zone 11
- Rainfall – 3 inches per hour minimum for design purposes
- Snow Load Zero (0)

City of Rocklin Building Division
3970 Rocklin Road Rocklin CA 95677 (916) 625-5120 (Fax) 625-5195

POOL EXCAVATION, GRADING, EROSION, & SEDIMENTATION FORM

DIRECTIONS: Please include tthe job address, read and complete the lower portion of the form.

Job Address: _____

Pool Excavation Disposal

- The excavated material from the pool construction project at the address referenced above shall be disposed of in compliance with all local, state, and federal laws and regulations.
- I have contacted the owner of the property on which I intend to dispose of the excavation material and have received valid authorization and permission from the property owner or his or her agent to place the excavation material on that property.
- I shall place the excavation material on the property in accordance with all applicable requirements, regulations, and standard industry practices governing the placement of fill materials and the instructions of the property owner.
- I understand that unauthorized dumping of excavation material is a violation of California Penal Code Section 602 and is punishable by a fine or imprisonment or both.

Grading and Erosion and Sedimentaiton Control

- I will comply with all the City of Rocklin Grading, Erosion, and Sedimentation Control requirements as outlined in the Rocklin Municipal Code, Section 15.28.
- The pool construction shall use sediment and erosion control best management practices to prevent contaminants from entering the storms drains and/or creeks.
- Two sets of Grading, Erosion, and Sedimentation Control plans are incorporated into the construction drawings or attached as a separate document.
- I understand that soil remaining on site exceeding 50 cubic yards may require a grading permit as outlined in the Rocklin Municipal Code, Section 15.28.060.

By my signature below, I certify that I am the property owner or authorized to act on the property owner's behalf. I have read this document and the information I have provided is correct.

_____	_____	_____
Print Name	Signature	Date

_____	_____
Pool Company Name (*if applicable*)	Contractor's State License #

CERTIFICATE OF INSTALLATION		CF2R-PLB-03-E
Pool And Spa Heating Systems		(Page 1 of 3)
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

A. Pool and Spa System Type		
01	Pool and Spa System Type	

B. Pool and Spa Systems and Equipment Requirements (Section 110.4(a) and 110.5)	
01	Heater has a thermal efficiency that complies with the Appliance Efficiency Regulations.
02	A readily accessible on-off switch is mounted on the outside of the heater, which allows the heater to be shut off without the user adjusting the thermostat setting.
03	A weatherproof plate or card containing instructions for the energy-efficient operation of the pool or spa heater is permanently mounted.
04	No electric resistance heating except for listed package units that have fully insulated enclosures and tight fitting covers that are insulated to at least R-6. Or if documentation is provided that at least 60% of the annual heating energy is from site solar energy or recovered energy.
05	Heating system has no pilot light.
The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.	

C. Pool and Spa System Installation Requirements (Section 110.4(b))	
01	To allow for the future addition of solar heating equipment, at least 36" of pipe is installed between the filter and heater, or dedicated suction and return lines are installed, or built-in, or built-up, connections for future solar heating are provided.
02	A cover is provided for outdoor pools or spas that have a heat pump or gas heater.
03	Pool system has directional inlets to adequately mix the pool water.
04	Pool system has a time switch that allows the pump to be set or programmed to run during off-peak periods only.
The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.	

CERTIFICATE OF INSTALLATION		CF2R-PLB-03-E
Pool And Spa Heating Systems		(Page 2 of 3)
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

D. Pool Pump Sizing and Flow Rate Specification (Section 150.0(p))				
01	The pool pump specified is listed in the CEC database of certified pool pumps.			
02	The pool pump flow rate shall not exceed the maximum pump flow rate calculated based on pool sizing in the table below. The return pipe diameter, suction pipe diameter, and filter area shall be at least as large as the required minimums shown in the table. Alternatively, a flow calculation or flow test result shall be provided to demonstrate that the pump flow rate is less than 6 hour filtration turnover, and the return pipe flow rate does not exceed 8 fps and that the suction pipe flow rate does not exceed 6 fps.			
03	An alternative compliance calculation or a flow test result is provided for this pool or spa use (must attach flow calculation or flow test result to this form)	Yes ☐ No ☐		
04	The pump is capable of operating at 2 or more speeds (not applicable if pump is less than 1 horsepower).			
05	Each auxiliary pool load is served by either a separate pump, or the system is served by a multi-speed pump.			
06	Volume of Pool (gallons)			
07	Filter Type (Cartridge, Sand, DE)			
08a Required Min Return Pipe Diameter (inches)	08b Required Min Suction Pipe Diameter (inches)	08c Required Min Filter Area (ft^2)	08d Required Max Pump Flow (gpm)	
09	Return Pipe Diameter (inches)			
10	Suction Pipe Diameter (inches)			
11	Filter Surface Area (ft^2)			
12	Max Pump Flow Rate (gpm)			
13	Measured Flow Rate Return Line (fps)			
14	Measured Flow Rate Suction Line (fps)			
15	Compliance Statement:			
The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.				

E. Pool System Piping (Section 150.0(p)2)	
01	The suction side pipe is straight for at least 4 pipe diameters before entering the pump (See table below for the required straight run lengths for various pipe sizes).
02	All elbows are sweep elbows, or an elbow type that has a pressure drop that is less than the pressure drop of a straight pipe with a length of 30 pipe diameters.
The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.	

F. Pool Filters and Valves (Section 150.0(p)3 and 4)	
01	If a filter is used in a pool intended for public use: The size of the filter is at least the size specified in NSF/ANSI 50.
02	If a backwash valve is used: The diameter of the backwash valve is at least 2 inches, or the diameter of the return pipe, whichever is greater.
The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.	

CERTIFICATE OF INSTALLATION		CF2R-PLB-03-E
Pool And Spa Heating Systems		(Page 3 of 3)
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
1. I certify that this Certificate of Installation documentation is accurate and complete.	
Documentation Author Name:	Documentation Author Signature:
Documentation Author Company Name:	Date Signed:
Address:	CEA/HERS Certification Identification (If applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Installation is true and correct.
2. I am either: a) a responsible person eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction, or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Installation, and attest to the declarations in this statement, or b) I am an authorized representative of the responsible person and attest to the declarations in this statement on the responsible person's behalf.
3. The constructed or installed features, materials, components or manufactured devices (the installation) identified on this Certificate of Installation conforms to all applicable codes and regulations and the installation conforms to the requirements given on the Certificate of Compliance, plans, and specifications approved by the enforcement agency.
4. I will ensure that a registered copy of this Certificate of Installation shall be posted or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a registered copy of this Certificate of Installation is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Builder/Installer Name:	Responsible Builder/Installer Signature:	
Company Name: (Installing Subcontractor or General Contractor or Builder/Owner)	Position With Company (Title):	
Address:	CSLB License:	
City/State/Zip:	Phone:	Date Signed:

Table C
Pool sizing (Values are based on a maximum allowable turnover rate of 6- hours)
Note: *For pumps greater than 1 hp. The maximum Pump Flow is the lowest speed default filtration*

Max Pool Volume (gallons)	Min Pipe D or Greater (inches)		Min Filter Area or more (square feet)			Max Pump Flow (gpm)
	Return	Suction	Cartridge	Sand	DE	
13,000	1.5	1.5	100	2.4	20	36
17,000	1.5	2	130	3.1	25	47
21,000	2	2	160	3.9	30	58
28,000	2	2.5	210	5.2	40	78
42,000	2.5	3	320	7.8	60	117
48,000	3	3	360	8.9	70	133

Table D
Pipe Diameter/Pipe Length

Pipe Diameter (inch)	Required Pipe Length leading into pump (inch)
1.5	6
2	8
2.5	10
3	12

City of Rocklin Building Division
3970 Rocklin Road Rocklin CA 95677 (916) 625-5120 (Fax) 625-51955

Electric Load Worksheet

(To be completed when the electric service panel size is less than 200 amps)

Address: _____ **Date**:_____

Phone:_____ **Gas Furnace (Y/N)** _____ **Existing Sq. Ft**:_____ **New Sq. Ft**:_____

Rating of:		**Watts*** x % = **Total(a)**	
Electric Furnace	NPR (Name Plate Rating)	_____ x .65 = _____	**Enter the largest value (watts) from Total (a)** ⇩
Air Conditioning	NPR _____x 1.00 =	_____ x 1.00 = _____	
Heat Pump	NPR	_____ x 1.00 = _____	
Heater Rating (Less than 4 rooms)		_____ x .65 = _____	
Heater Rating (More than 4 rooms)		_____ x 1.00 = _____	

_____

Quantity	Item		**Watts***	
_____	Sq. Ft. x 3 watts per sq. ft.	=	_____	**Add this value to calculations below** ⇩
_____	20 Amp appliance circuits @ 1500 watts ea.	=	_____	
_____	Ranges NPR	=	_____	
_____	Ovens NPR	=	_____	
_____	Water Heater NPR	=	_____	
_____	Dishwasher NPR	=	_____	
_____	Garbage Disposal NPR	=	_____	
_____	Washer NPR	=	_____	
_____	Dryer NPR	=	_____	
_____	Motor loads NPR	=	_____	
_____	Other loads	=	_____	
	Sub Panel Total (from below)	=	_____	
		Subtotal =	_____	
		Less -	10,000	**+** 10,000
		Total =	_____	x.40 = + _____
			Grand Total (Watts)	= _____

***Watts = Volts x Amps**

Grand Total (watts) _____ ÷ 240 Volts = _____ Service Load (Amps)
Service size: _____ Amps

Are sub-panels to be installed ?_____ How many? _____
Amp Rating?_____ Wire Size? _____

_____	Motor loads NPR	=	_____
_____	Other loads	=	_____
_____	Other loads	=	_____
	Sub Panel Total	=	_____

_____

_____ _____
(Print name)-Electrical Contractor / Owner - Builder State License number

_____
(Signature) - Electrical Contractor / Owner - Builder

City of Rocklin Building Division
3970 Rocklin Road Rocklin CA 95677 (916) 625-5120 (Fax) 625-5195

Pool Equipment Information

Job Address:_____BP #:_____

TYPE OF SPECIFICATION	POOL	SPA
Depths		
Surface Area		
Capacity in Gallons		
Turnover time in Hours (must be minimum of 6 hours)		
Returns Number		
Pipe Diameter (in inches)		
Main Drains Number		
Size		
Distance Between Drains		
Suction Pipe Diameter (in inches)		
Skimmers Number		
Size		
Gas Line Pipe Diameter/Material		
Length (in linear feet)		
Number of Jets		
Filter Make		
Model		
Type		
Size		
Pump Make		
Model Number		
Horsepower or RPM		
Type		
Min/Max Flow (in gallons per minute)		
Performance Curve With Head Pressure		
Heater Make		
BTUs		
Underwater Lights Number		
Type		

POOL SUBCONTRACTORS (OWNER-BUILDER ONLY)

General Contractor: _____
State License: _____ Classification: _____ City License: _____
Business Address: _____ City: _____ Zip: _____
Job Location: _____ Building Permit: _____

Note: Every contractor and subcontractor working in the City of Rocklin is required to have a current City Business License. Notify Business License Department immediately in the event of any changes in subcontractors or building material supplier. The Contractor's State License Number must be provided.

Type of Work	Name, Address, City, Zip	Phone Number	Contractor's State License Number
Excavation			
Reinforced Steel			
Electrical			
Plumbing			
Gunite			
Concrete			
Tile			
Plaster			
Landscaping			
Other			
Other			

This information is true and correct to the best of my knowledge and belief. I agree to notify the City of Rocklin if there are any additions, deletions or changes to the above Subcontractor List.

Signed: _____ Dated: _____

City of Rocklin Building Division
3970 Rocklin Road Rocklin CA 95677 (916) 625-5120 (Fax) 625-5195

Notice to Pool Contractors and Homeowners

Please note that Next-Day turn-around on pool reviews cannot be completed in the following subdivisions due to design review and/or grading restrictions:

Granite Lakes Estates

Caribou Court
Deer Lake Court
Greenbrae Road
Monument Springs Drive
Otter Creek Court

Highlands Unit # 3 & 4

Calverhall Way
Cornwall Court
Cornwall Way
Monument Springs Drive
Norton Court
Rutlan Court
Rutlan Way

Imperial View Unit # 1

East Imperial View Court
West Imperial View Court (Lot 80)

Quarry Ridge Unit 3 & 4

6223 Barrington Hills Drive
4402-4405 Bradbury Court
4450, 4460 & 4461 Barrington Court
6290 & 6300 Brookshire Drive

Stanford Foothills Parcel 103

Cypress Court
Knoll Court
Mountaingate Drive (4501-4557)
St. Andrews Drive (2401-2419)

Whitney Oaks Custom Lots

See attached Whitney Oaks Map. Custom lots are shaded and are subject to the Design Review Guidelines.

Over-the-counter pool plan reviews cannot be completed if your pool project includes the following:

- Outdoor kitchen
- Gas lines with more than 2 branches (gas pool heater, fire pit, outdoor gas BBQ, fire bowls, etc.)
- Patio Covers
- Owner-Builder projects
- Retaining walls exceeding 36” (retained soil) or with a surcharge (house, slope more than a 2:1, etc.)

WHITNEY OAKS

SITE COMPOSITE MAP
SHOWING NON-GRADED LOTS BY CATEGORY

WHITNEY OAKS

EXHIBIT A-3

DAVID EVANS & ASSOCIATES