

Pump Application: Residential Detached Structure



**CCCSD
Use Only**

Today's Date: _____	App No: _____
Job No: _____	Grid No: _____

5019 Imhoff Place, Martinez, CA 94553 Email: permits@centralsan.org Phone: (925) 229-7371

Project Information			
Property Address & City	APN		
Property Owner			
Name		Email	
Company		Phone	
Address			
Applicant (if different)			
Name		Email	
Company		Phone	
Address			
Contractor			
Company		Email	
Representative		Phone	
Address			

Description of Project (e.g. ADU, pool house, workshop, or other detached secondary structure)

Variance Requests		
Can gravity flow be achieved if slope of side sewer is lowered to 1.1% instead of 2%?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Will a dedicated, pressurized side sewer be run under the primary house?	<input type="checkbox"/> Yes ¹	<input type="checkbox"/> No
¹ If yes, explain why the side sewer cannot be run <u>outside</u> the primary house: <div style="border: 1px solid black; height: 40px; margin-top: 5px;"></div>		

Requirements
Standard Specifications for Design and Construction , current edition <ul style="list-style-type: none"> Part II. Private Sewage Disposal Systems Technical Specification Section 33 31 16 – Sanitary Sewer Gravity Service Laterals Technical Specification Section 33 32 26 – Individual Lot Pumping Systems Standard Drawing 24-01 Approved Materials List , current edition

As the applicant of this project, I agree to the following: 1) The Owner of the abovementioned property is aware and authorizes the submittal of this application. 2) The information and statements given on this application and attachment(s) are true and correct to the best of my knowledge.		
Applicant Name	Applicant Signature	Date

Pump Application: Residential Detached Structure

Plan view: check the one that most closely matches your situation

Plan view 1: Proposed secondary structure behind existing main house

Plan view 2: Proposed secondary structure aligned with existing main house

Plan view 3: Proposed secondary structure in front of existing main house

Profile view: check the one that most closely matches your situation

Profile view 1: Proposed secondary structure is downhill from existing main house

Profile view 2: Proposed secondary structure about level with existing main house

Profile view 3: Proposed secondary structure is uphill from existing main house

Pump/Sump System									
Vertical Lift (measured from top of tank's lid to gravity clean-out's lid) (ft)								ft	
Surface type at Tank		<input type="checkbox"/> paved (tank lid flush with tank surface) <input type="checkbox"/> landscaped/bare (tank lid min. 3" above tank surface)							
SUBMERSIBLE, CENTRIFUGAL, NON-CLOG PUMPS					SUBMERSIBLE, CENTRIFUGAL, PD, GRINDER PUMPS				
	<u>Pump</u>	<u>Outlet</u>	<u>Sump</u>	<u>Size (d x h)</u>		<u>Pump</u>	<u>Outlet</u>	<u>Sump</u>	<u>Size (d x h)</u>
	AquaPro AS5	2"	AquaPro 50CA	22" x 23"		E/One DH071	1 - 1/4"	E/One DH071	24" x 72"
	Liberty LE 40 / Liberty LE 50	2"	P370 with ARC 18" Riser	21" x 38"		Liberty LSG200 Grinder	1 - 1/4"	Liberty 2448	24" x 48"
	Little Giant 9SN / 10SN	2"	Little Giant Pit+Plus Sr	22" x 32"		Liberty ProVore 380 Grinder	2"	P370/P380 with ARC 18" Riser	21" x 38"
OTHER SYSTEM (not listed above ²)									
					² If not selecting from Approved Materials List , then attach and highlight the following manufacturer's literature to demonstrate compliance with Standard Specifications Section 33 31 26: 1) pump curve 2) pump brochure <ul style="list-style-type: none"> o name of the Nationally Recognized Testing Entity (NRTE) that is certifying the system o thermal overload protection is provided 				

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Piping System			
Pressurized Pipe	<input type="checkbox"/> HDPE SDR-11 gray, fused joint and debeaded <input type="checkbox"/> PVC, restrained joint	Length (ft)	ft
		Diameter (in)	in
Configuration Requirements	Pressure pipe discharge connects to the side sewer downstream of the primary building's cleanout?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	All work occurs on property owner's property or in public right-of-way (e.g. there is no work on a neighboring property)?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	Diameter of pressure pipe \geq tank's outlet pipe diameter?	<input type="checkbox"/> Yes <input type="checkbox"/> No	
	Gravity pipe into the tank is a min 6" above the "pump on" level?	<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Variance(s)	<input type="checkbox"/> Not requested <input type="checkbox"/> Approved to reduce slope to 1.1% <input type="checkbox"/> Approved to install dedicated pressure pipe under primary house <input type="checkbox"/> Denied				
Pump	<input type="checkbox"/> Approved <input type="checkbox"/> Approved, see conditions below <input type="checkbox"/> Denied <input type="checkbox"/> Resubmittal Required				
Comments or Approval Conditions					
Permit Counter Reviewer		Engineer Reviewer		Date	