

Pump Application: Single Family Residential or Attached 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			

Scope of Project	
Check one	<input type="checkbox"/> New single-family home <input type="checkbox"/> Septic conversion of ex. home <input type="checkbox"/> Addition attached to ex. home <input type="checkbox"/> Conversion of space within ex. home (e.g. garage conversion)
Description	

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 for an attached structure?	<input type="checkbox"/> Yes*	<input type="checkbox"/> No
*If yes, explain why the side sewer cannot be run around the primary house or connected to the existing plumbing (without an outside pump):		

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

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Piping System			
Connects to	<input type="checkbox"/> Gravity Main	<input type="checkbox"/> MULPSS Main ¹	
Pressurized Pipe	<input type="checkbox"/> HDPE SDR-11 gray, fused joint and debanded	Length (ft)	ft
	<input type="checkbox"/> PVC, restrained joint	Diameter (in)	in
Configuration Requirements	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

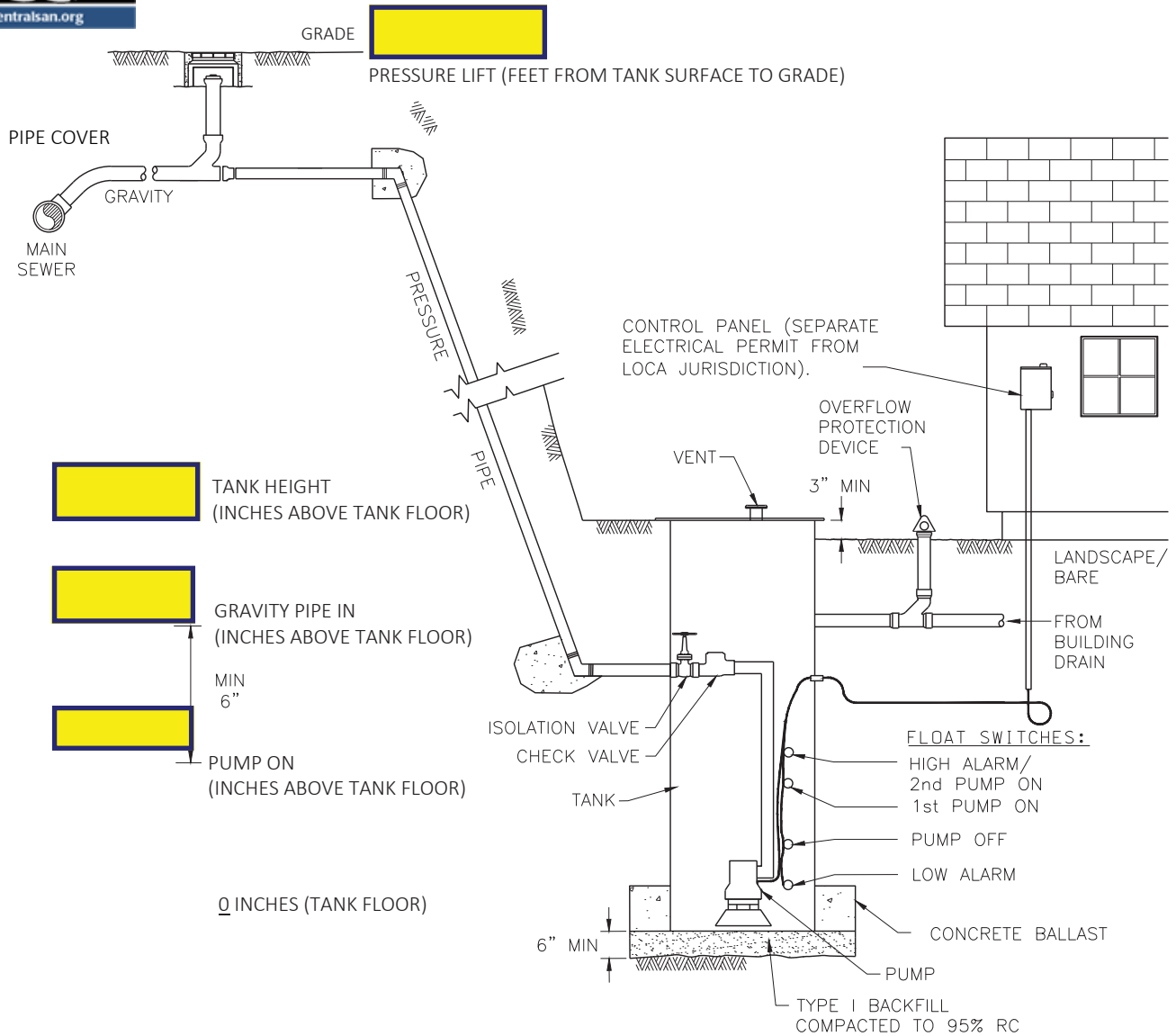
Pump/Sump System									
Vertical Lift (measured from top of tank's lid to gravity clean-out's lid) (ft)								ft	
Surface type at Tank		<input type="checkbox"/> paved (tank lid flush with tank surface) <input type="checkbox"/> landscaped/bare (tank lid min. 3" above tank surface)							
SUBMERSIBLE, CENTRIFUGAL, NON-CLOG PUMPS					SUBMERSIBLE, CENTRIFUGAL, PD, GRINDER PUMPS				
	<u>Pump</u>	<u>Outlet</u>	<u>Sump</u>	<u>Size</u> (d x h)		<u>Pump</u>	<u>Outlet</u>	<u>Sump</u>	<u>Size</u> (d x h)
	AquaPro AS 100/200	2"/3"	TSD Lift Station	36" x 72"		E/One ¹ DH071 ²	1 - 1/4"	E/One	24" x 72"
	Barnes 2SEV1022L	2"	AK Industries custom fiberglass	48" x 60"		Liberty LSG200 Grinder	1 - 1/4"	Liberty 2460	24" x 60"
¹ If MULPSS, E/One or approved equal (Section 33 31 26-1.1-C.1). ² DH071 is only appropriate if MULPSS is limited to 1 - 2 average single-family homes. If more than 2 average homes on the system, then determine pump size from E/One's published design guidelines and submit as "Other" below.									
OTHER SYSTEM (not listed above³)									
					³ 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"> <input type="checkbox"/> name of the Nationally Recognized Testing Entity (NRTE) that is certifying the system <input type="checkbox"/> thermal overload protection is provided 				

Required Attachments	
	Completed Pump Systems Dimensions Form
	Plot Plan/sketch (no larger than 11" x 17")
	³ 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"> <input type="checkbox"/> name of the Nationally Recognized Testing Entity (NRTE) that is certifying the system <input type="checkbox"/> thermal overload protection is provided <i>Additional review fees and turnaround time may apply.</i>



Pump Systems Dimension Form
(Applicant / Sewer Contractor to fill in)

PUMP APPLICATION NO. (CCCSD to fill in)



- TANK HEIGHT
(INCHES ABOVE TANK FLOOR)
- GRAVITY PIPE IN
(INCHES ABOVE TANK FLOOR)
- MIN 6"
- PUMP ON
(INCHES ABOVE TANK FLOOR)
- INCHES (TANK FLOOR)

ELEVATION
(N.T.S.)

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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				
Tank/Sump	<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	