

# APPLICATION FOR STRUCTURE PERMIT FOR SPRINKLER SUMP/METER

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1. Date \_\_\_\_\_
  2. Applicant's Name \_\_\_\_\_
  3. Landowner's Name \_\_\_\_\_
  4. Landowner Mailing Address \_\_\_\_\_  
Landowner Phone # \_\_\_\_\_ Landowner Email \_\_\_\_\_
  5. Name of District Facility affected by proposed structure: Lateral \_\_\_\_\_ Drain \_\_\_\_\_
  6. Location of proposed structure: APN# \_\_\_\_\_  
Site Address: \_\_\_\_\_
  7. **Description of structure (please include pump capacity, & Gallons Per Minute/HP/type of motor)** \_\_\_\_\_  
\_\_\_\_\_
  8. Approximate irrigation cycle (total duration of irrigation within 10 day cycle). \_\_\_\_\_
  9. Contractor Name \_\_\_\_\_  
Contractor Phone # \_\_\_\_\_  
Contractor Email \_\_\_\_\_
  11. Approximate starting date \_\_\_\_\_
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## **PLEASE INCLUDE THE FOLLOWING WITH YOUR APPLICATION:**

A copy of the current deed of the property.

A drawing of the proposed structure and surrounding area including the following:

- North Arrow
- Location of SSJID Facility
- Location of Proposed Structure
- Local Roads
- Approximate Property Lines
- Reference to Applicable District Standards
- Horizontal Distances from Above Ground Facilities

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**BRING COMPLETED FORM & NECESSARY DOCUMENTS TO SSJID**

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1. The Structure Permit will be prepared for you by the Engineering Dept.
2. Property Owner's **signature** is required on the Permit.
3. Your application/permit will be reviewed & processed according to District policy. A determination will be made as to the feasibility of the proposed structure.
4. Upon approval you will be sent a letter and advised to contact the Facility Inspector. He will discuss the terms and conditions relating to the approval of your Structure Permit.
5. **DO NOT PROCEED WITH THE PROPOSED STRUCTURE UNTIL YOUR PERMIT HAS BEEN APPROVED AND ALL REQUIRED DOCUMENTS HAVE BEEN SIGNED BY OWNER. ONCE APPROVED, A COPY OF THE PERMIT MUST BE KEPT AT PROJECT SITE.**
6. Contact the Facility Inspector/Technician at 209-905-3822 for preliminary & final inspections.
7. If you have any questions concerning your Structure Permit please feel free to contact the Engineering Department, 209-249-4619.

**APPLICANT'S SIGNATURE** \_\_\_\_\_

AFTER RECORDING RETURN TO:

SOUTH SAN JOAQUIN IRRIGATION DISTRICT  
P.O. BOX 747  
RIPON, CA 95366

CONSENT TO  
SOUTH SAN JOAQUIN IRRIGATION DISTRICT'S  
ENTRY OF PROPERTY TO READ  
AND TO MAINTAIN FLOW METER

Exempt from all Recording Fees: California Government Code §§6103; 27388.1(a)(1)  
Documentary Transfer Tax: NONE (Revenue & Taxation Code §§1911, 1922)

The undersigned Owner, \_\_\_\_\_, of the property located at \_\_\_\_\_ SAN JOAQUIN \_\_\_\_\_ ("Property") and further described in the attached Exhibit "A", has, with the approval of SOUTH SAN JOAQUIN IRRIGATION DISTRICT ("District"), installed a flow meter to measure deliveries of District surface water to the Property. The District will use flow meter measurements to implement state law that requires the District to base its water charges, at least in part, on the quantity of water it delivers.

Owner consents to the entry of District officers, employees or agents ("District Personnel") on the Property for the purposes of inspecting, maintaining and reading the flow meter installed to measure deliveries of District surface water to the Property. District Personnel may enter the Property at any reasonable hour and on a monthly basis or at such other time as District reasonably determines to be necessary, to inspect the working condition of the meter, to maintain the meter and to record water usage. District shall also be permitted to enter the Property for the purpose of installing and maintaining telemetry control hardware to the meter such that the meter can be read remotely. District Personnel may enter the Property outside any District easement area using marked District vehicles on available access roads, on foot or as Owner and District may otherwise agree. District shall use reasonable care to avoid interfering with Owner's farming operations.

Owner agrees to take no action that would prevent the meter from accurately measuring the volume of District surface water delivered to Owner's Property.

This Consent shall remain in effect until such time as deliveries of District surface water to the Property shall terminate as evidenced by recordation of an Irrigation Service Abandonment Agreement signed by District and Owner or Owner's successor in interest.

This Consent shall run with the land described above and be binding on Owner and Owners' heirs, successors and assigns.

SOUTH SAN JOAQUIN IRRIGATION DISTRICT  
"DISTRICT"

By \_\_\_\_\_ Date: \_\_\_\_\_  
Dale Kuil, President  
Board of Directors

By \_\_\_\_\_ Date: \_\_\_\_\_  
Peter M. Rietkerk, Secretary  
Board of Directors

**SAMPLE**  
(OWNER)

By \_\_\_\_\_ Date: \_\_\_\_\_

By \_\_\_\_\_ Date: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_

**SIGNATURES MUST BE NOTARIZED AND BE PER RECORDED DEED**

**EXHIBIT “A”**

**Legal Description**

**SAMPLE**

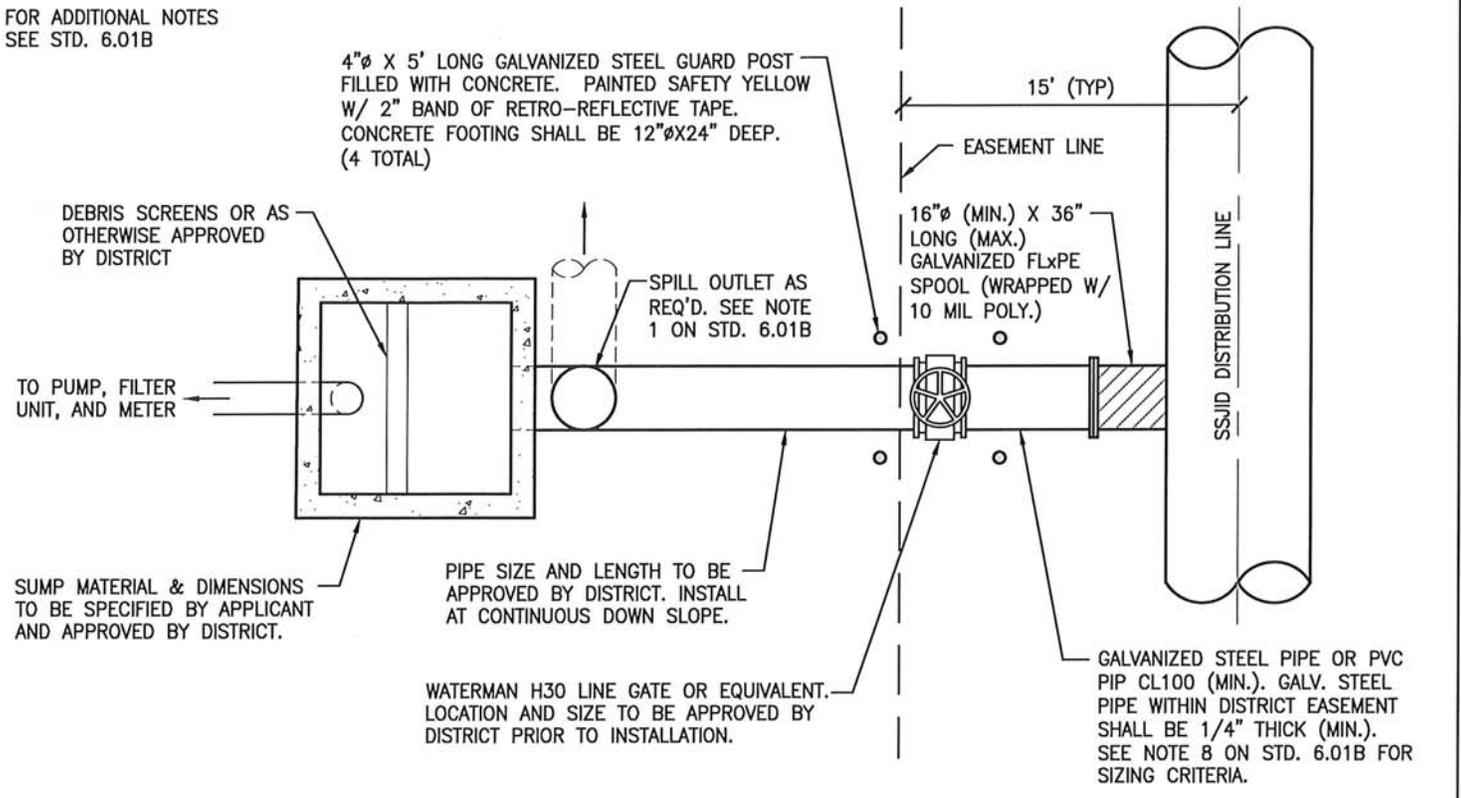
**CERTIFICATE OF ACCEPTANCE**

This is to certify that the interest in real property conveyed by the Consent to South San Joaquin Irrigation District's Entry of Property to Read and to Maintain Flow Meter dated \_\_\_\_\_, 201\_\_\_\_\_ from \_\_\_\_\_ to the SOUTH SAN JOAQUIN IRRIGATION DISTRICT, a political corporation and a governmental agency, is hereby accepted by order of the Board of Directors of the SOUTH SAN JOAQUIN IRRIGATION DISTRICT on \_\_\_\_\_ and the grantee consents to recordation thereof by its duly authorized officer.

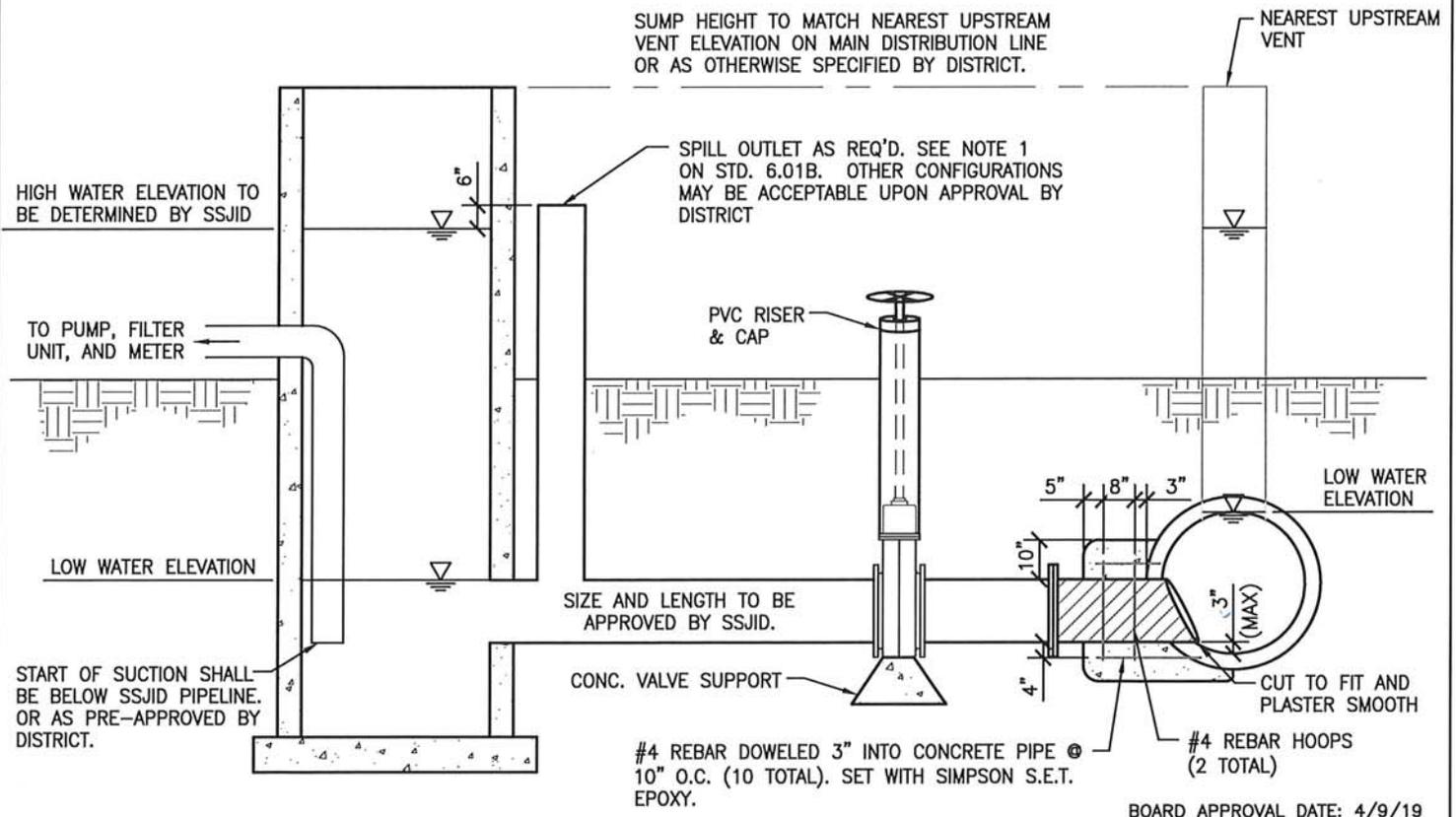
DATED: \_\_\_\_\_

**SAMPLE**  
by \_\_\_\_\_  
Peter M. Rietkerk, General Manager  
SOUTH SAN JOAQUIN IRRIGATION DISTRICT

FOR ADDITIONAL NOTES  
SEE STD. 6.01B



SUMP HEIGHT TO MATCH NEAREST UPSTREAM VENT ELEVATION ON MAIN DISTRIBUTION LINE OR AS OTHERWISE SPECIFIED BY DISTRICT.



BOARD APPROVAL DATE: 4/9/19

NO.	REVISED	DATE
1	PARSONS	4-3-19
DRAWN BY:		
CHECKED BY:		
SCALE: NONE		

TYPICAL SPRINKLER  
SUMP INSTALLATION  
FROM SSJID PIPE LATERAL

SOUTH SAN JOAQUIN  
IRRIGATION DISTRICT

RECOMMENDED FOR APPROVAL BY:	
<i>Fred Kl.</i>	4-22-19
ENGINEERING DEPT. HEAD	DATE
APPROVED BY:	
<i>David Kamper</i>	4/22/2019
PRESIDENT, BOARD OF DIRECTORS	DATE
STANDARD NO.	6.01A

ADDITIONAL SPRINKLER SUMP INSTALLATION NOTES:

- 1) SPILL OUTLET SHALL BE REQUIRED WHEN THE DISTRICT'S DISTRIBUTION LINE IS A DEAD END. SPILL OUTLET SIZE IS TO MATCH DIA. OF SUPPLY PIPELINE.
- 2) ALL PROPOSED PUMPING FACILITIES SHALL INCLUDE A MAG METER PER DISTRICT SPECIFICATIONS. SYSTEMS SHALL BE CAPABLE OF PRIMING THE PUMP WHEN WATER ELEVATIONS REACH THE TOP OF SSJID'S DISTRIBUTION PIPELINE.
- 3) REFER TO SSJID STANDARD DETAIL 6.03 WHEN CONNECTION IS MADE TO A SSJID CONTROL BOX.
- 4) FILTER BACKFLUSH WATER LINES MAY CONNECT TO THE DISTRICT FACILITIES AND SHALL INCLUDE A LOCKABLE SHUTOFF VALVE TO ALLOW STANDARD LOCK-OUT PROCEDURES DURING DISTRICT MAINTENANCE OR PIPE ENTRY. FILTER BACKFLUSH CONNECTIONS ARE PROHIBITED FOR SYSTEMS SUPPLIED EXCLUSIVELY BY PRIVATE WELLS OR ON DEAD END DISTRICT LINES.
- 5) CONSTRUCTION SHALL NOT BE ALLOWED TO START WITHIN THE DISTRICT'S EASEMENT UNTIL:
  - A) APPLICANT HAS RECEIVED THE APPROVED PERMIT.
  - B) ALL PARTS AND MATERIALS NECESSARY TO INSTALL THE POSITIVE SHUT-OFF ARE LOCATED ONSITE.
  - C) A PRE-CONSTRUCTION MEETING HAS OCCURRED WITH THE DISTRICT'S INSPECTOR.
  - D) A USA NOTIFICATION HAS BEEN SUBMITTED AND THE NECESSARY TIME HAS PASSED.
- 6) PRIMING OF PUMP IS THE RESPONSIBILITY OF THE APPLICANT (I.E. FOOT VALVES, HAND PRIMER,...ETC.). THE DISTRICT WILL NOT INCREASE WATER ELEVATION ABOVE NORMAL OPERATING LEVELS. DESIGNER SHALL ASSUME THE DISTRICT'S PIPELINE IS FULL BUT NOT PRESSURIZED.
- 7) DUE TO SAFETY PROTOCOL, CONTRACTOR IS NOT ALLOWED TO ENTER THE DISTRICT'S PIPELINE TO PERFORM ANY WORK.
- 8) CAPACITY OF SUPPLY PIPELINE SHALL ACCOMMODATE DOUBLE THE DESIGNED PUMP'S FLOW RATE FOR FLOWS UP TO 1000 GPM. SUPPLY LINES SHALL ACCOMMODATE ONE AND A HALF THE DESIGNED PUMP'S FLOW RATE FOR FLOWS OVER 1000 GPM.
- 9) UNLESS OTHERWISE SPECIFIED BY THE DISTRICT, TO CALCULATE THE SIZE OF SUPPLY PIPELINE, DESIGNER SHOULD ASSUME THAT THE DISTRICT'S PIPELINE IS FULL OF WATER BUT NOT PRESSURIZED AT THE POINT OF CONNECTION.
- 10) A COPY OF THE APPROVED PERMIT SHALL BE LOCATED ON THE JOB SITE AT ALL TIMES UNTIL FINAL INSPECTION.
- 11) REINFORCEMENT AND FORMS SHALL BE INSPECTED PRIOR TO ANY CONCRETE POUR.

BOARD APPROVAL DATE: 4/9/19

<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISED</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>PARSONS</td> <td>4-3-19</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			NO.	REVISED	DATE	1	PARSONS	4-3-19										<p><b>TYPICAL SPRINKLER SUMP INSTALLATION FROM SSJID PIPE LATERAL</b></p> <p><b>SOUTH SAN JOAQUIN IRRIGATION DISTRICT</b></p>	<p>RECOMMENDED FOR APPROVAL BY:</p> <p><i>F. J. K. L.</i> 4-22-19  <small>ENGINEERING DEPT. HEAD DATE</small></p> <p>APPROVED BY:</p> <p><i>[Signature]</i> 4-23-2019  <small>PRESIDENT, BOARD OF DIRECTORS DATE</small></p> <p>STANDARD NO. 6.01B</p>
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CHECKED BY:																			
SCALE: NONE																			



Minimum standards for a flow meter are:

- Seametrics AG3000 Irrigation Magmeter, McCrometer Ultra Mag flow meter, or approved equal
  - Installed with at least 3 diameters of straight pipe upstream of meter and 2 diameters of straight pipe downstream of meter (see Figure 1). Deviation from District standard requires verification of manufacturer's specification.
  - Provided with continuous power supply
  - Equipped with telemetry hardware allowing integration to the District's Supervisory Control and Data Acquisition (SCADA) System
  - Equipped with an internal datalogger<sup>1</sup> & pulse output.

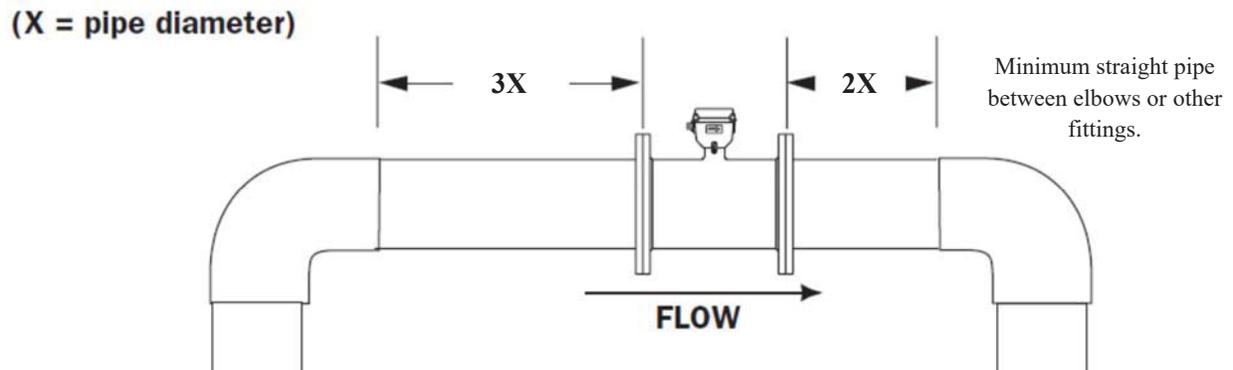


Figure 1. Example Magnetic Flow Meter Installation.

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<sup>1</sup> An external datalogger is required and is subject to approval by SSJID.