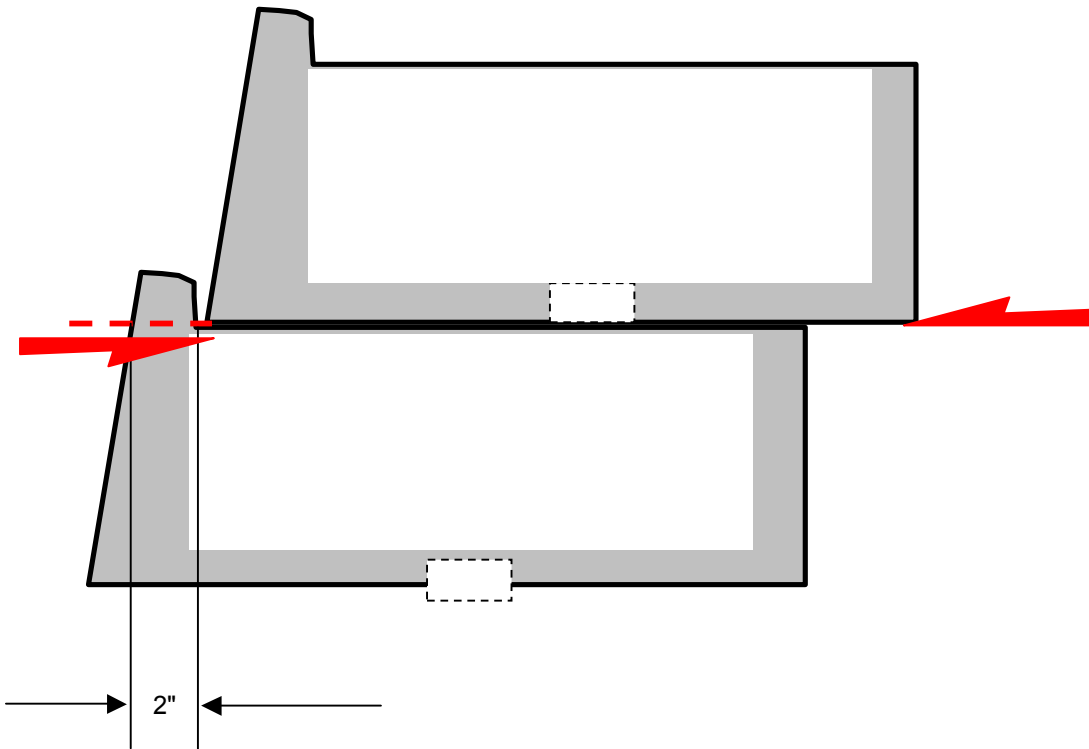


**ESTIMATE OF BLOCK TO BLOCK SHEAR STRENGTH AT
ZERO NORMAL LOAD**



Thickness of Concrete Lip: $d = 2''$
Width of Concrete Lip (1 Block Width) $b = 18''$

$$V_c = 2 * \sqrt{V_c} * d * b = 2 * \sqrt{5000} * 2 * 18 = 5091 \text{ lbs}$$

V_c is the shear strength of the entire shear lip of one full block



SGI TESTING SERVICES, LLC

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|--------------|---------|
| FIGURE NO. | B-1 |
| PROJECT NO. | SGI9054 |
| DOCUMENT NO. | |
| FILE NO. | |