

CEMCO STUD

PRE-TENSIONED FLAT  
STRAP PLATE, EACH  
SIDE (WIDTH AND  
THICKNESS, BY DESIGN)

CEMCO HOLDOWN  
STUDS (BY DESIGN)

SIMPSON STRONG-TIE  
HOLDOWN (BY DESIGN)

SIMPSON STRONG-TIE  
HOLDOWN ANCHOR  
BOLT (BY DESIGN)

SCREW ATTACH EACH  
FLANGE  
(SCREW SIZE, BY DESIGN)

CONCRETE FOOTING  
(BY OTHERS)

SCREW ATTACH FLAT  
STRAP TO HOLDOWN STUD  
AND BOTTOM TRACK  
(SCREW SIZE & QUANTITY,  
BY DESIGN)

ANCHORAGE  
(SIZE, TYPE AND  
SPACING, BY  
DESIGN)

CEMCO BOTTOM  
TRACK

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## SHEARWALL - X-BRACING

SCALE: N.T.S.



**ENGINEERING**

1001-A PITTSBURG ANTIOCH HWY  
PITTSBURG, CA 94565  
ENG. DEPT. 925.473.9340  
FAX 925.473.9124  
www.cemcosteel.com

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### CATEGORY:

**LOAD-BEARING  
WALL DETAILS**

REV: 0  
RELEASE: 11/21/2019