

ERRATA TO DIAPHRAGM DESIGN MANUAL

THIRD EDITION

SEPTEMBER 2004

Page	Location	Instead of	Correction
4-14	Section 4.9.4, first line in first paragraph	ressistance	resistance
AI-2	Symbol for Slip relaxation constant	Kl_I	K_I
AI-2	Symbol for Panel length		l
AI-2	Symbol for Purlin or joist spacing	v	l_v
AI-2	Symbol for Resisting shear couples at panel ends and purlins	M_e, M_o	M_e, M_p
AIII-19	LRFD column	$S_n=2132plf... \phi S_n=0.80x2132plf$ $=1706plf \{24.88kN/m\}$	$S_n=1425plf... \phi S_n=0.80x1425plf$ $=1140plf \{16.63kN/m\}$
AIII-19	ASD column	$S_n/\Omega=2132/2.00=1066plf \{15.55kN/m\}$	$S_n/\Omega=1425/2.00=713plf \{10.40kN/m\}$
AIII-25	Top LRFD column	$\phi S_n=0.80x2130plf=1704plf \{24.86kN/m\}$	$\phi S_n=0.80x2050plf=1640plf \{23.93kN/m\}$
AIII-25	Top ASD column	$S_n/\Omega=2130/2.00=1065plf \{15.54kN/m\}$	$S_n/\Omega=2050/2.00=1025plf \{14.96kN/m\}$
AIII-25	Paragraph "To calculate the stiffness of the diaphragm,..."	$D_{xx}=39.3mm$	$D_{xx}=39m$
AIII-29	ASD portion	(See Appendix AIII, page AIII-21)	(See Appendix AIII, page AIII-23)
AIII-35	First paragraph	"...on a 24/8 connection pattern will be used which is..."	"...on a 24/8 connection pattern will be used, which is..."
AIII-71	First paragraph	"...considering possible use of 3/4in. {19mm}. shear studs..."	"...considering possible use of 3/4in. {19mm} shear studs..."
AIII-73	Second LRFD/ ASD portion	"...and meet the requireπd spacing. However, ..."	"...and meet the required spacing. However, ..."
AIV-12	Heading of Table VII, Table VII-M, Table VIII, Table VIII-M		Add $\phi_u=0.5 \Omega_u=3.0$, (same as to Table VI and VI-M)
AIV-13	Heading of Table IX, Table IX-M		Add $\phi_u=0.5 \Omega_u=3.0$, (same as to Table VI and VI-M)
AIV-13	Table IX, X-EDN19/ X-EDNK22 column	1369, 1813 and 2287	1298, 1719 and 2168 respectively
AIV-13	Table IX-M, X-EDN19/ X-EDNK22 column	6.09, 8.06 and 10.17	5.77, 7.65 and 9.65 respectively
AV-3	Second paragraph from the bottom	"(rigid insulating boards should be held 3 in. away from...)"	"(rigid insulating boards should be held 3 ft away from...)"