

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 | $S_n=2132plf... \phi S_n=0.80 \times 2132plf$ $=1706plf \{24.88kN/m\}$ | $S_n=1425plf... \phi S_n=0.80 \times 1425plf$ $=1140plf \{16.63kN/m\}$ |
| 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 | $\phi S_n=0.80 \times 2130plf=1704plf \{24.86kN/m\}$ | $\phi S_n=0.80 \times 2050plf=1640plf \{23.93kN/m\}$ |
| 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...)" |