BEAM SELECTION TABLE - ATTACHED COVERS (TYPE II)

TABLE 502 a&b **100 and 110 MPH WIND ZONES - EXPOSURE C**

Component & Cladding Design Pressures Vary by Effective Wind Area

Tributary Load Width for Roof Panels

Post Spacing and/or Beam Span

(ERRATA Posted May 11, 2009)

	4	5	6	7	8	9	10	11	12	13	14	15	16
6	5S/A	6S/A	6S/A	6S/A	7S/A	7S/A	7S/A	7S/A	8S/B	8S/B	8S/C	8S/C	8S/C
7	6S/A	6S/A	7S/A	7S/A	8S/A	8S/A	8S/B	8S/B	8S/C	8S/C	8S/C	8S/D	8S/D
8	7S/A	7S/A	8S/A	8S/A	8S/A	8S/B	8S/B	8S/C	8S/C	8S/D	8S/D	8S/D	8S/D
9	8S/A	8S/A	8S/A	8S/A	8S/B	8S/B	8S/C	8S/C	8S/D	8S/D	8S/D	8S/D	8S/E
10	8S/A	8S/A	8S/A	8S/B	8S/B	8S/C	8S/D	8S/D	8S/D	8S/D	8S/D	9S/E	9S/E
11	8S/A	8S/A	8S/A	8S/B	8S/C	8S/C	8S/D	8S/D	9S/D	9S/E	9S/E	9S/E	9S/E
12	8S/A	8S/A	8S/B	8S/C	8S/C	8S/D	9S/D	9S/D	9S/E	9S/E	9S/E	9S/E	9S/E
13	8S/A	8S/A	8S/B	8S/C	8S/D	9S/D	9S/D	9S/E	9S/E	9S/E	10S/E	10S/F	10S/F
14	8S/A	8S/B	8S/C	8S/C	9S/D	9S/D	9S/D	9S/E	10S/E	10S/E	10S/F	10S/F	10S/F
15	8S/A	8S/B	9S/C	9S/D	9S/D	9S/D	9S/E	10S/E	10S/E	10S/F	10S/F	2-9/G	2-9/G
16	8S/A	9S/B	9S/C	9S/D	9S/D	9S/E	10S/E	10S/E	10S/E	2-9/F	2-9/F	2-9/G	2-9/G
17	8S/B	9S/C	9S/D	9S/D	9S/D	10S/E	10S/E	10S/E	2-9/F	2-9/F	2-9/G	2-9/G	na
18	9S/B	9S/C	9S/D	9S/D	10S/E	10S/E	10S/E	2-9/F	2-9/F	2-9/G	2-9/G	na	na
19	9S/B	9S/C	9S/D	10S/D	10S/E	10S/E	2-9/E	2-9/F	2-9/G	2-10/G	na	na	na
20	9S/B	9S/D	10S/D	10S/D	10S/E	2-9/E	2-9/F	2-9/F	2-10/G	na	na	na	na
21	9S/C	9S/D	10S/D	10S/E	2-9/E	2-9/E	2-9/F	2-10/G	2-10/G	na	na	na	na
22	9S/C	10S/D	10S/D	2-9/E	2-9/E	2-9/F	2-10/F	2-10/G	na	na	na	na	na

Abbreviation Key: Numeric value indicates beam depth (inches)
H = Hollow, S=Self-Mating, T=Hollow Tilt

A prefix of 2 indicates a double beam is required.
An entry of "na" indicates site specific design required.

Post Spacing and/or Beam Span
(ERRATA Posted May 11, 2009)

BEAM SELECTION TABLE - ATTACHED COVERS (TYPE II)

TABLE 502c **120 MPH WIND ZONE - EXPOSURE C**

Component & Cladding Design Pressures Vary by Effective Wind Area

Tributary Load Width for Roof Panels

	4	5	6	7	8	9	10	11	12	13	14	15	16
6	6S/A	6S/A	7S/A	7S/A	7S/A	8S/A	8S/B	8S/B	8S/C	8S/C	8S/D	8S/D	8S/D
7	7S/A	7S/A	8S/A	8S/A	8S/B	8S/B	8S/C	8S/C	8S/D	8S/D	8S/D	8S/D	8S/D
8	8S/A	8S/A	8S/A	8S/B	8S/B	8S/C	8S/C	8S/D	8S/D	8S/D	8S/D	8S/E	8S/E
9	8S/A	8S/A	8S/A	8S/B	8S/C	8S/C	8S/D	8S/D	8S/D	8S/D	8S/E	9S/E	9S/E
10	8S/A	8S/A	8S/B	8S/C	8S/C	8S/D	8S/D	8S/D	9S/E	9S/E	9S/E	9S/E	9S/E
11	8S/A	8S/A	8S/B	8S/C	8S/D	8S/D	9S/D	9S/E	9S/E	9S/E	9S/E	9S/F	9S/F
12	8S/A	8S/B	8S/C	8S/D	8S/D	9S/D	9S/E	9S/E	9S/E	9S/E	10S/F	10S/F	10S/G
13	8S/A	8S/B	8S/C	9S/D	9S/D	9S/D	9S/E	9S/E	10S/E	10S/F	10S/F	10S/G	10S/G
14	8S/B	8S/C	9S/D	9S/D	9S/D	9S/E	10S/E	10S/E	10S/F	10S/F	10S/G	2-9/G	na
15	8S/B	9S/C	9S/D	9S/D	9S/E	10S/E	10S/E	10S/F	10S/F	2-9/G	2-9/G	na	na
16	9S/B	9S/C	9S/D	9S/D	10S/E	10S/E	10S/E	2-9/F	2-9/G	2-9/G	na	na	na
17	9S/B	9S/D	9S/D	10S/E	10S/E	10S/E	2-9/F	2-9/F	2-9/G	na	na	na	na
18	9S/C	9S/D	10S/D	10S/E	10S/E	2-9/E	2-9/F	2-9/G	2-10/G	na	na	na	na
19	9S/C	9S/D	10S/D	10S/E	2-9/E	2-9/F	2-9/G	2-10/G	na	na	na	na	na
20	9S/C	10S/D	10S/E	2-9/E	2-9/E	2-9/F	2-10/G	na	na	na	na	na	na
21	9S/D	10S/D	10S/E	2-9/E	2-9/F	2-10/G	2-10/G	na	na	na	na	na	na
22	10S/D	10S/D	2-9/E	2-9/E	2-9/F	2-10/G	na	na	na	na	na	na	na

Abbreviation Key: Numeric value indicates beam depth (inches)

H = Hollow, S=Self-Mating, T=Hollow Tilt

A prefix of 2 indicates a double beam is required.

An entry of "na" indicates site specific design required.

(ERRATA Posted May 11, 2009)

BEAM SELECTION TABLE - ATTACHED COVERS (TYPE II)

TABLE 502d **130 MPH WIND ZONE - EXPOSURE C**

Component & Cladding Design Pressures Vary by Effective Wind Area

Tributary Load Width for Roof Panels

Post Spacing and/or Beam Span

	4	5	6	7	8	9	10	11	12	13	14	15	16
6	6S/A	7S/A	7S/A	8S/A	8S/B	8S/B	8S/C	8S/C	8S/D	8S/D	8S/D	8S/D	8S/D
7	7S/A	8S/A	8S/A	8S/B	8S/B	8S/C	8S/C	8S/D	8S/D	8S/D	8S/D	8S/E	8S/E
8	8S/A	8S/A	8S/B	8S/B	8S/C	8S/D	8S/D	8S/D	8S/D	8S/E	8S/E	8S/E	9S/E
9	8S/A	8S/A	8S/B	8S/C	8S/D	8S/D	8S/D	8S/D	8S/E	9S/E	9S/E	9S/E	9S/F
10	8S/A	8S/B	8S/C	8S/C	8S/D	8S/D	8S/D	9S/E	9S/E	9S/E	9S/F	9S/F	9S/F
11	8S/A	8S/B	8S/C	8S/D	9S/D	9S/D	9S/E	9S/E	9S/E	9S/F	10S/F	10S/G	10S/G
12	8S/B	8S/C	9S/D	9S/D	9S/D	9S/E	9S/E	9S/E	10S/F	10S/F	10S/G	10S/G	na
13	8S/B	9S/C	9S/D	9S/D	9S/E	9S/E	10S/E	10S/F	10S/F	10S/G	10S/G	na	na
14	9S/B	9S/C	9S/D	9S/D	9S/E	10S/E	10S/F	10S/F	10S/G	2-9/G	na	na	na
15	9S/C	9S/D	9S/D	9S/E	10S/E	10S/E	10S/F	2-9/G	2-9/G	na	na	na	na
16	9S/C	9S/D	9S/D	10S/E	10S/E	10S/F	2-9/F	2-9/G	na	na	na	na	na
17	9S/C	9S/D	10S/E	10S/E	10S/E	2-9/F	2-9/G	na	na	na	na	na	na
18	9S/D	10S/D	10S/E	10S/E	2-9/F	2-9/G	2-9/G	na	na	na	na	na	na
19	10S/D	10S/D	10S/E	2-9/E	2-9/F	2-9/G	na	na	na	na	na	na	na
20	10S/D	10S/D	2-9/E	2-9/F	2-9/F	2-10/G	na	na	na	na	na	na	na
21	10S/D	10S/E	2-9/E	2-9/F	2-10/G	na	na	na	na	na	na	na	na
22	10S/D	2-9/E	2-9/E	2-10/F	2-10/G	na	na	na	na	na	na	na	na

Abbreviation Key: Numeric value indicates beam depth (inches)

H = Hollow, S=Self-Mating, T=Hollow Tilt

A prefix of 2 indicates a double beam is required.

An entry of "na" indicates site specific design required.

BEAM SELECTION TABLE - ATTACHED COVERS (TYPE II)

TABLE 502e **140 MPH WIND ZONE - EXPOSURE C**

Component & Cladding Design Pressures Vary by Effective Wind Area

Tributary Load Width for Roof Panels

Post Spacing and/or Beam Span	4	5	6	7	8	9	10	11	12	13	14	15	16
6	7S/A	7S/A	8S/A	8S/B	8S/B	8S/C	8S/C	8S/D	8S/D	8S/D	8S/D	8S/E	8S/E
7	8S/A	8S/A	8S/B	8S/B	8S/C	8S/D	8S/D	8S/D	8S/D	8S/E	8S/E	8S/E	8S/E
8	8S/A	8S/A	8S/B	8S/C	8S/D	8S/D	8S/D	8S/E	8S/E	8S/E	9S/E	9S/F	9S/F
9	8S/A	8S/B	8S/C	8S/D	8S/D	8S/D	8S/E	9S/E	9S/E	9S/E	9S/F	9S/F	9S/G
10	8S/A	8S/B	8S/C	8S/D	9S/D	9S/E	9S/E	9S/E	9S/F	9S/F	9S/G	10S/G	na
11	8S/B	8S/C	9S/D	9S/D	9S/E	9S/E	9S/E	9S/F	10S/F	10S/G	10S/G	na	na
12	8S/B	9S/C	9S/D	9S/D	9S/E	9S/E	10S/F	10S/F	10S/G	10S/G	na	na	na
13	9S/C	9S/D	9S/D	9S/E	9S/E	10S/E	10S/F	10S/G	10S/G	na	na	na	na
14	9S/C	9S/D	9S/D	9S/E	10S/E	10S/F	10S/G	2-9/G	na	na	na	na	na
15	9S/C	9S/D	10S/E	10S/E	10S/F	10S/F	2-9/G	na	na	na	na	na	na
16	9S/D	10S/D	10S/E	10S/E	10S/F	2-9/G	na	na	na	na	na	na	na
17	9S/D	10S/D	10S/E	10S/E	2-9/F	2-9/G	na	na	na	na	na	na	na
18	10S/D	10S/E	10S/E	2-9/F	2-9/G	na	na	na	na	na	na	na	na
19	10S/D	10S/E	2-9/E	2-9/F	2-10/G	na	na	na	na	na	na	na	na
20	10S/D	10S/E	2-9/F	2-9/G	na	na	na	na	na	na	na	na	na
21	10S/D	2-9/E	2-9/F	2-10/G	na	na	na	na	na	na	na	na	na
22	2-9/E	2-9/E	2-10/F	2-10/G	na	na	na	na	na	na	na	na	na

Abbreviation Key: Numeric value indicates beam depth (inches)

H = Hollow, S=Self-Mating, T=Hollow Tilt

A prefix of 2 indicates a double beam is required.

An entry of "na" indicates site specific design required.