

AMENDMENT TO H.R. 2044
OFFERED BY MR. GRIFFITH OF VIRGINIA

Page 2, after line 20, insert the following:

1 (1) BIRD-SAFE.—The term “bird-safe” means,
2 with respect to a building, that the building meets,
3 to the extent practicable, as determined by the Sec-
4 retary, the following standards:

5 (A) At least 90 percent of the exposed fa-
6 cade material from ground level to 40 feet—

7 (i) shall not be composed of glass; or

8 (ii) shall be composed of glass employ-
9 ing—

10 (I) elements that preclude bird
11 collisions without completely obscuring
12 vision, such as secondary facades, net-
13 ting, screens, shutters, and exterior
14 shades;

15 (II) ultraviolet (UV) patterned
16 glass that contains UV-reflective or
17 contrasting patterns that are visible to
18 birds;

19 (III) patterns on glass designed
20 in accordance with a rule that re-

1 stricts horizontal spaces to less than 2
2 inches high and vertical spaces to less
3 than 4 inches wide, commonly re-
4 ferred to as the ‘2 × 4 rule’;

5 (IV) opaque, etched, stained,
6 frosted, or translucent glass; or

7 (V) any combination of the meth-
8 ods described in this clause.

9 (B) At least 60 percent of the exposed fa-
10 cade material above 40 feet shall meet the
11 standard described in subparagraph (A)(i) or
12 (A)(ii).

13 (C) There shall not be any transparent
14 passageways or corners.

15 (D) All glass adjacent to atria or court-
16 yards containing water features, plants, and
17 other materials attractive to birds shall meet
18 the standard described in subparagraph (A)(ii).

19 (E) Outside lighting shall be appropriately
20 shielded and minimized subject to security and
21 other mission related requirements.

Page 3, lines 3 through 19, amend paragraph (4) to
read as follows:

22 (4) SMART BUILDING.—The term “smart build-
23 ing” means a building, or collection of buildings—

- 1 (A) with an energy system that—
2 (i) is flexible and automated;
3 (ii) has extensive operational moni-
4 toring and communication connectivity, al-
5 lowing remote monitoring and analysis of
6 all building functions;
7 (iii) takes a systems-based approach
8 in integrating the overall building oper-
9 ations for control of energy generation,
10 consumption, and storage;
11 (iv) communicates with utilities and
12 other third-party commercial entities, if
13 appropriate;
14 (v) protects the health and safety of
15 occupants and workers; and
16 (vi) is cybersecure; and
17 (B) that is bird-safe.

Page 6, after line 14, insert the following:

- 18 (iii) mitigating bird collisions and
19 deaths;

Page 7, after line 24, insert the following:

- 20 (iii) mitigating bird collisions and
21 deaths;

