

# HOUSE BILL No. 4981

September 19, 2017, Introduced by Reps. Wittenberg, Pagan, Chang, Geiss, Yanez, Chirkun, Moss, Ellison, Sneller, Rabhi, Sowerby, Clemente, Camilleri, Hoadley, LaGrand, Durhal, Liberati, Hammoud and Gay-Dagnogo and referred to the Committee on Education Reform.

A bill to amend 1937 PA 306, entitled

"An act to promote the safety, welfare, and educational interests of the people of the state of Michigan by regulating the construction, reconstruction, and remodeling of certain public or private school buildings or additions to such buildings, by regulating the construction, reconstruction, and remodeling of buildings leased or acquired for school purposes, and to define the class of buildings affected by this act; to prescribe the powers and duties of certain state agencies and officials; to prescribe penalties for the violation of this act; and to repeal acts and parts of acts,"

(MCL 388.851 to 388.855a) by adding section 1c.

**THE PEOPLE OF THE STATE OF MICHIGAN ENACT:**

1           **SEC. 1C. (1) THE DEPARTMENT MAY DEVELOP OR ADOPT POLICIES AND**  
2           **PROCEDURES TO ENSURE THAT ALL NEW AND EXISTING SCHOOL BUILDINGS**  
3           **MEET LEED STANDARDS IN LIGHTING DESIGN TO ACHIEVE MAXIMUM ENERGY**  
4           **EFFICIENCY AND ENVIRONMENTAL SUSTAINABILITY, AS DESCRIBED IN**  
5           **SUBSECTION (2) .**

6           **(2) THE POLICIES AND PROCEDURES DEVELOPED OR ADOPTED UNDER**

1 SUBSECTION (1) SHALL CONFORM TO THE FOLLOWING LEED STANDARDS TO THE  
2 EXTENT PRACTICABLE:

3 (A) FOR NEW CONSTRUCTION OR A MAJOR RENOVATION, THE SCHOOL  
4 BUILDING MUST MEET THE LEED V4 BD+C STANDARD FOR SCHOOLS CONCERNING  
5 ALL OF THE FOLLOWING:

6 (i) DAYLIGHT. THIS STANDARD IS INTENDED TO CONNECT BUILDING  
7 OCCUPANTS WITH THE OUTDOORS, REINFORCE CIRCADIAN RHYTHMS, AND  
8 REDUCE THE USE OF ELECTRICAL LIGHTING BY INTRODUCING DAYLIGHT INTO  
9 THE SPACE.

10 (ii) QUALITY VIEWS. THIS STANDARD IS INTENDED TO GIVE BUILDING  
11 OCCUPANTS A CONNECTION TO THE NATURAL OUTDOOR ENVIRONMENT BY  
12 PROVIDING QUALITY VIEWS.

13 (iii) LIGHT POLLUTION REDUCTION. THIS STANDARD IS INTENDED TO  
14 INCREASE NIGHT SKY ACCESS, IMPROVE NIGHTTIME VISIBILITY, AND REDUCE  
15 THE CONSEQUENCES OF DEVELOPMENT FOR WILDLIFE AND PEOPLE.

16 (iv) INTERIOR LIGHTING. THIS STANDARD IS INTENDED TO PROMOTE  
17 OCCUPANTS' PRODUCTIVITY, COMFORT, AND WELL-BEING BY PROVIDING HIGH-  
18 QUALITY LIGHTING.

19 (B) FOR AN EXISTING STRUCTURE THAT IS NOT UNDERGOING A MAJOR  
20 RENOVATION, THE SCHOOL BUILDING MUST MEET THE LEED V4 O+M STANDARD  
21 FOR SCHOOLS CONCERNING ALL OF THE FOLLOWING:

22 (i) DAYLIGHT AND QUALITY VIEWS. THIS STANDARD IS INTENDED TO  
23 CONNECT BUILDING OCCUPANTS WITH THE OUTDOORS, REINFORCE CIRCADIAN  
24 RHYTHMS, AND REDUCE THE USE OF ELECTRICAL LIGHTING BY INTRODUCING  
25 DAYLIGHT AND VIEWS INTO THE SPACE.

26 (ii) LIGHT POLLUTION REDUCTION. THIS STANDARD IS INTENDED TO  
27 INCREASE NIGHT SKY ACCESS, IMPROVE NIGHTTIME VISIBILITY, AND REDUCE

1 THE CONSEQUENCES OF DEVELOPMENT FOR WILDLIFE AND PEOPLE.

2 (iii) INTERIOR LIGHTING. THIS STANDARD IS INTENDED TO PROMOTE  
3 OCCUPANTS' PRODUCTIVITY, COMFORT, AND WELL-BEING BY PROVIDING HIGH-  
4 QUALITY LIGHTING.

5 (3) IF THE DEPARTMENT DEVELOPS OR ADOPTS POLICIES AND  
6 PROCEDURES UNDER SUBSECTION (1), A PUBLIC SCHOOL SHALL COMPLY WITH  
7 THE LEED STANDARDS DESCRIBED IN SUBSECTION (2) UNLESS THE PUBLIC  
8 SCHOOL PROVIDES NOTICE TO THE DEPARTMENT, IN A FORM AND MANNER  
9 PRESCRIBED BY THE DEPARTMENT, OF CONSTRAINTS THAT LIMIT THE ABILITY  
10 OF THE PUBLIC SCHOOL TO COMPLY.

11 (4) A PUBLIC SCHOOL MAY DEMONSTRATE COMPLIANCE WITH THE LEED  
12 STANDARDS DESCRIBED IN SUBSECTION (2) BY DOING 1 OF THE FOLLOWING:

13 (A) PROVIDING VERIFICATION OF COMPLIANCE BY A LICENSED  
14 PROFESSIONAL ENGINEER WITH A CURRENT LEED PROFESSIONAL CREDENTIAL  
15 TO THE DEPARTMENT, IN A FORM AND MANNER PRESCRIBED BY THE  
16 DEPARTMENT.

17 (B) ACHIEVING A LEED CERTIFICATION FOR THE LEED STANDARDS  
18 DESCRIBED IN SUBSECTION (2).

19 (5) AS USED IN THIS SECTION:

20 (A) "DEPARTMENT" MEANS THE DEPARTMENT OF LICENSING AND  
21 REGULATORY AFFAIRS.

22 (B) "LEED" MEANS LEADERSHIP IN ENERGY AND ENVIRONMENTAL  
23 DESIGN, A GREEN BUILDING CERTIFICATION PROGRAM DEVELOPED AND  
24 MANAGED BY THE U.S. GREEN BUILDING COUNCIL.

25 (C) "MAJOR RENOVATION" MEANS ANY BUILDING PROJECT AT A SCHOOL  
26 BUILDING OR PROPOSED SCHOOL BUILDING INVOLVING THE MODIFICATION OF  
27 AN EXISTING STRUCTURE IN WHICH 25% OR MORE OF THE PHYSICAL

1 **STRUCTURE, FACADE, OR INTERIOR SPACE OF A BUILDING IS CHANGED OR**  
2 **MODIFIED.**

3 Enacting section 1. This amendatory act takes effect 90 days  
4 after the date it is enacted into law.