



## Feature L01: Light Exposure and Education

### Part 1: Ensure Indoor Light Exposure

WELL v2™ pilot  
Q1 2020 addenda

How to use this document:

This document is intended to serve as a guide on how to create educational materials required for Part 1: Ensure Indoor Light Exposure of Feature L01: Light Exposure and Education. The level of detail provided by teams when creating this drawing is up to their discretion, as long as each of the requirements is sufficiently addressed.

- Part 1: Architectural drawing instructions have been provided.

Note: The variable items are highlighted in yellow throughout the document.

The text is updated to the Q1 2020 version of WELL v2 pilot, which may vary from future versions of WELL v2.

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# FEATURE L01: LIGHT EXPOSURE AND EDUCATION

## PART 1: ENSURE INDOOR LIGHT EXPOSURE ARCHITECTURAL DRAWINGS INSTRUCTIONS

For all spaces except Dwelling Units

### <<SELECT ONE OF THE FOLLOWING>>

- A. For daylight in all spaces: Projects provide an architectural drawing demonstrating at least one of the following:

### <<PROVIDE ONE OF THE FOLLOWING>>

- a. Provide Modeling Report (Architectural Drawing Not Required).
- b. Annotated Drawing Guidance for Workstation Approach:
  - i. On a furniture floor plan, create a visually distinct demarcation line (colored, dashed, or arrowed) that marks the distance 6m [20 ft] from transparent envelope glazing.
  - ii. Clearly indicate the distance measurement on the floor plan.
  - iii. Indicate each workstation with a symbol or a color.
  - iv. Provide calculations that indicate:
    1. The number of workstations between the demarcation line and the transparent envelope glazing.
    2. The total number of workstations.
    3. The percentage of workstations within 6m [20ft] of transparent envelope.
    4. Note whether or not this exceeds the 30% requirement.
  - v. Indicate what the visible light transmittance (VLT) is. Indicate if it exceeds the 40% requirement.
- c. Annotated Drawing Guidance for Floor Area Approach:
  - i. On a set of furniture floor plans, indicate the area of each floor of the project.
  - ii. On a set of elevation plans, facade drawings, or pictures of facades of project - indicate the area of transparent external glazing on each side of the building.
  - iii. Provide a table that indicates the amount of glazing and amount of floor area per floor as well as the ratio of glazing to floor area.

1. *Example table:*

	Floor 1 (SF)	Floor 2 (SF)	Floor 3 (SF)	Floor 4 (SF)
Floor Area	15,000	15,000	10,000	10,000
Glazing - North Facade	700	700	550	600
Glazing - West	350	260	170	120

<i>Facade</i>				
<i>Glazing - South Facade</i>	0	0	0	0
<i>Glazing - East Facade</i>	200	150	250	250
<i>Total Glazing Per Floor</i>	1,250	1,110	970	970
<i>Ratio of Total Glazing to Floor Area</i>	<b>8.33%</b>	<b>7.40%</b>	<b>9.70%</b>	<b>9.70%</b>

Indicate what the visible light transmittance (VLT) is. Indicate if it exceeds the 40% requirement.

OR

- B. For daylight in common spaces: Projects provide an architectural drawing demonstrating regular building occupants have unrestricted access to indoor common spaces with unassigned seating that accommodates at least 15% of regular building occupants at any given time. The spaces are located within the project boundary and each meet at least one of the following requirements and is confirmed by the below:

**<<PROVIDE ONE OF THE FOLLOWING>>**

- a. Provide Modeling Report (Architectural Drawing Not Required). Indicate that the project is achieving Option 2 and that regular building occupants have unrestricted access to indoor common spaces with unassigned seating that accommodates at least 15% of regular building occupants at any given time.
- b. Annotated Drawing Guidance for Seating Approach:
  - i. On a set of furniture floor plans, indicate that the project is achieving Option 2 and that regular building occupants have unrestricted access to indoor common spaces with unassigned seating that accommodates at least 15% of regular building occupants at any given time.
  - ii. Indicate on the plan either in a color or by a distinct outline the indoor common spaces.
  - iii. In these common spaces, create a visually distinct demarcation line (colored, dashed, or arrowed) that marks the distance 5m [16 ft] from transparent envelope glazing.
  - iv. Clearly indicate the distance measurement on the floor plan.
  - v. Indicate each seat with a symbol or a color.
  - vi. Provide calculations that indicate:
    1. The number of seats between the demarcation line and the transparent envelope glazing.
    2. The total number of seats.

3. The percentage of seats within 5m [16ft] of transparent envelope.
4. Note whether or not this exceeds the 70% requirement.
5. Indicate what the visible light transmittance (VLT) is. Indicate if it exceeds the 40% requirement.

c. Annotated Drawing Guidance for Gross Internal Floor Area Approach:

- i. On a set of furniture floor plans, indicate the area of each common space of the project.
- ii. On a set of elevation plans, facade drawings, or pictures of facades of project - indicate the area of transparent external glazing for each of the common spaces.
- iii. Provide a table that indicates the amount of glazing and amount of floor area per common space as well as the ratio of glazing to floor area.

1. Example table:

	<i>Common Area 1 (SF)</i>	<i>Common Area 2 (SF)</i>	<i>Common Area 3 (SF)</i>	<i>Common Area 4(SF)</i>
<i>Floor Area</i>	1,200	800	560	750
<i>Glazing</i>	180	96	76	220
<i>Ratio of Total Glazing to Floor Area</i>	<b>15.00%</b>	<b>12.00%</b>	<b>13.57%</b>	<b>29.33%</b>

Indicate what the visible light transmittance (VLT) is. Indicate if it exceeds the 40% requirement.

OR

- C. Provide a brief narrative indicate that the project has achieved at least 1 point in Feature L03: Circadian Lighting Design

For Dwelling Units

<<SELECT ONE OF THE FOLLOWING>>

- A. The following is met in each dwelling unit:

<<PROVIDE ONE OF THE FOLLOWING>>

- a. Provide Modeling Report (Architectural Drawing Not Required).
- b. Annotated Drawing Guidance for Floor Area Approach:
  - i. On a set of furniture floor plans, indicate the area of each dwelling unit of the project.
  - ii. On a set of elevation plans, facade drawings, or pictures of facades of project - indicate the area of transparent external glazing on each side of the building.
  - iii. Provide a table that indicates the amount of glazing and amount of floor area per dwelling unit as well as the ratio of glazing to floor area.

1. Example table:

	<i>Dwelling unit 1 (SF)</i>	<i>Dwelling unit 2 (SF)</i>	<i>Dwelling unit 3 (SF)</i>	<i>Dwelling unit 4 (SF)</i>
<i>Floor Area</i>	15,000	15,000	10,000	10,000
<i>Glazing - North Facade</i>	700	700	550	600
<i>Glazing - West Facade</i>	350	260	170	120
<i>Glazing - South Facade</i>	0	0	0	0
<i>Glazing - East Facade</i>	200	150	250	250
<i>Total Glazing Per Floor</i>	1,250	1,110	970	970
<i>Ratio of Total Glazing to Floor Area</i>	<b>8.33%</b>	<b>7.40%</b>	<b>9.70%</b>	<b>9.70%</b>

Indicate what the visible light transmittance (VLT) is. Indicate if it exceeds the 40% requirement.

- c. Provide a brief narrative indicate that the project has achieved at least 1 point in Feature L03: Circadian Lighting Design.
- d. Annotated Drawing Guidance for Floor Area Approach:
  - i. On a furniture floor plan, create a visually distinct demarcation line (colored, dashed, or arrowed) that marks the distance 6m [20 ft] from transparent envelope glazing.
  - ii. Clearly indicate the distance measurement on the floor plan.
  - iii. Provide calculations that indicate:
    1. The total area between the demarcation line and the transparent envelope glazing.
    2. The total area.
    3. The percentage of area within 6m [20ft] of transparent envelope.
    4. Note whether or not this exceeds the 30% requirement.
  - iv. Indicate what the visible light transmittance (VLT) is. Indicate if it exceeds the 40% requirement.