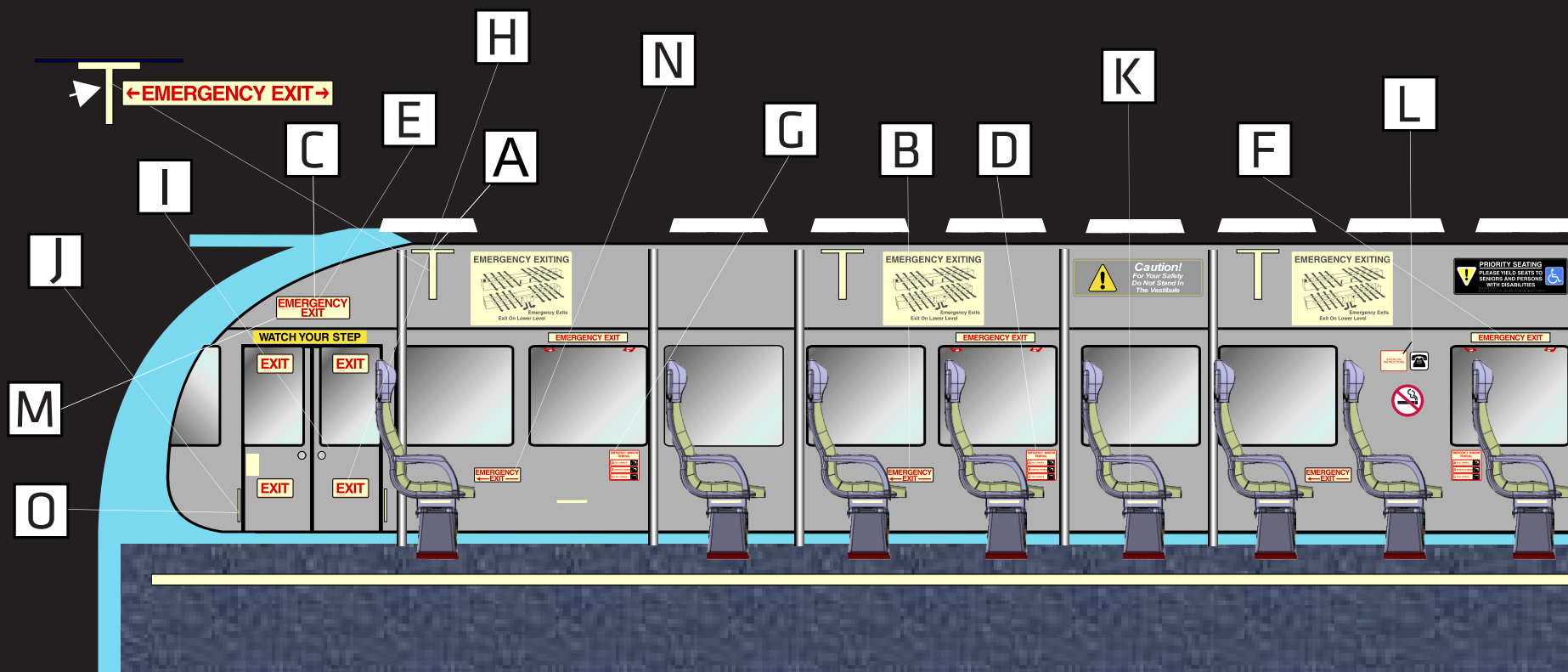




Emergency & Exit Path Planning “Quick Guide” to HPPL / LLEPM Standards



- A. Door locator signs shall be provided for non-visible doors.
- B. Emergency exit locator signs shall be provided, directing passengers to the nearest emergency window exit.
- C. All signage stating exit or emergency exit must be in all CAPS.
- D. Character height for emergency window exit and locator signs must meet a minimum of one inch.
- In addition, the characters shall have the following characteristics:
 - A width-to-height ratio between 3:5 and 1:1
 - A stroke-to-width ratio between 1:4 and 1:6 (i.e., the width of the lines which are combined to produce a letter).
 - Spacing between letters is a minimum of 1/16 the height of the upper case letters.

- E. Character height for emergency door exit and locator signs must meet a minimum of 1.5 inches.
- In addition, the characters shall have the following characteristics:
 - A width-to-height ratio between 3:5 and 1:1
 - A stroke-to-width ratio between 1:4 and 1:6 (i.e., the width of the lines which are combined to produce a letter).
 - Spacing between letters is a minimum of 1/16 the height of the upper case letters.
- F. All end and side door exit signs must be a minimum area of 16 square inches. The sign shall be located on upper half of door.
- G. All exit locator signs (i.e., doors and windows) must be constructed of HPPL material.

- H. Exit signs for LLEPM on doors have a maximum height of 18" and a minimum distance of 6" from floor.
- I. Door handles must have HPPL indicators (& instructions ex. Pull, Lift, Turn, etc...) using no less than a 1 inch wide strip around perimeter or an area wide pad.
- J. Markings along perimeter of door can be placed no higher than 4' from floor and no longer than 6' from door.
- K. Markings on aisle seats (in HPPL) showing cars primary exit can't exceed 18" from floor - markings must be minimum of 1.25" wide and a sum of 6" long with a 42" area.
- L. Intercoms intended for passenger use must be marked with instructions for use and HPPL indicators.
- M. All doors intended for Emergency Egress must be legibly marked inside car.

- N. Exit signs can be a maximum of 6' from door and a maximum of 4' from floor for LLEPM.
- O. 12 square inches of HPPL is needed to mark all Emergency door exits not to exceed 18" from floor.
- NOTE: All LLEPM HPPL markings (on seats, walls, stairways, etc.) start no higher than 18" from floor.
- HPPL for all interior stairwells.
 - 1" wide "L" shape marking on both sides of each stair tread nearest to the wall.
 - Or 2" wide marking outlining stairwell/steps on the wall.
- NOTE: HPPL material shall not be located in shadowed areas.
- NOTE: Certification shall be provided by all HPPL suppliers stating that products meet the ASTM standard E-2073-02 - Standard Test Method for Photopic Luminance of Photoluminescent Markings.