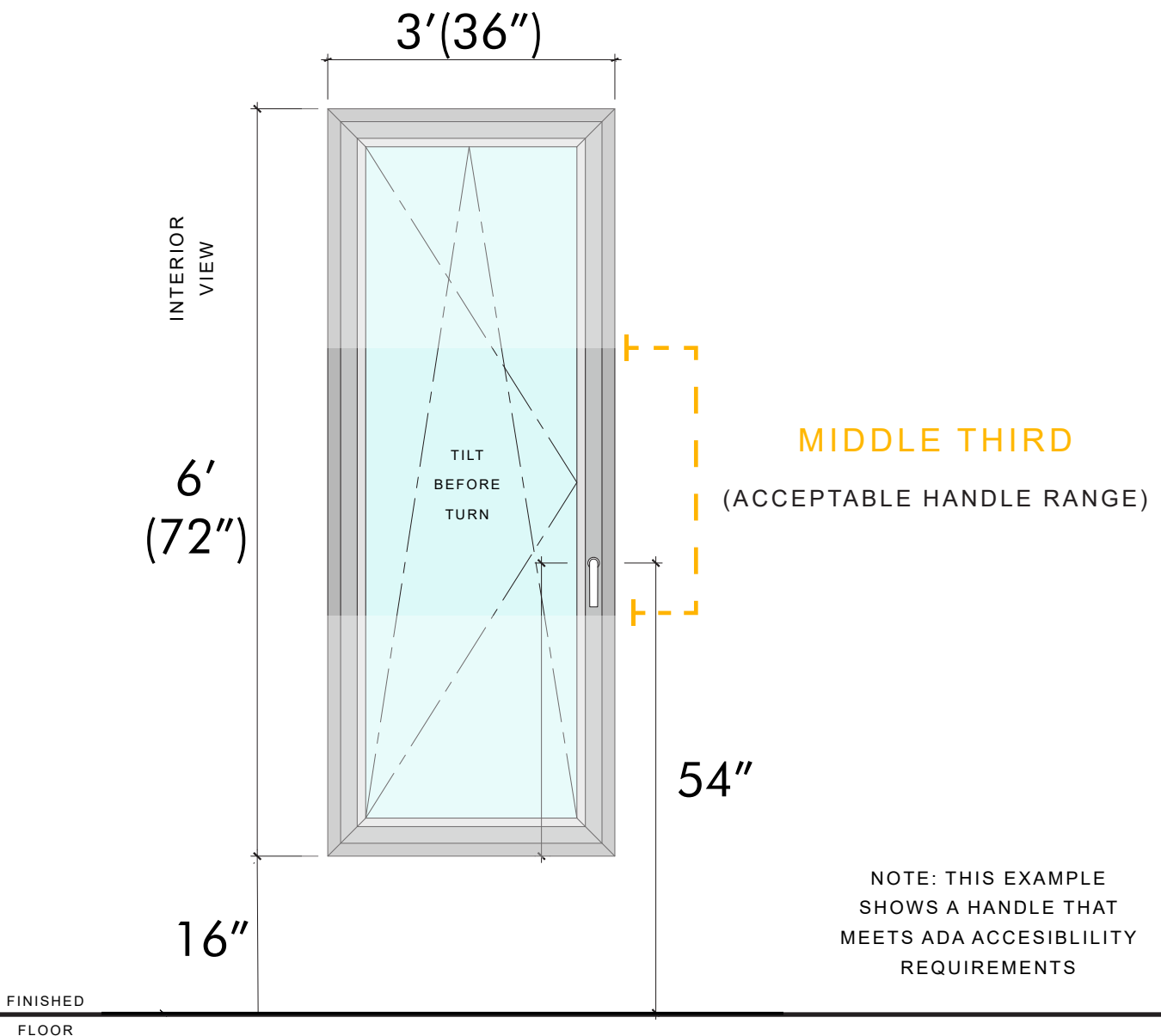


# WINDOW HANDLE GUIDELINES

TBT HANDLE RANGE

## TILT BEFORE TURN: 1/3 RULE OF THUMB

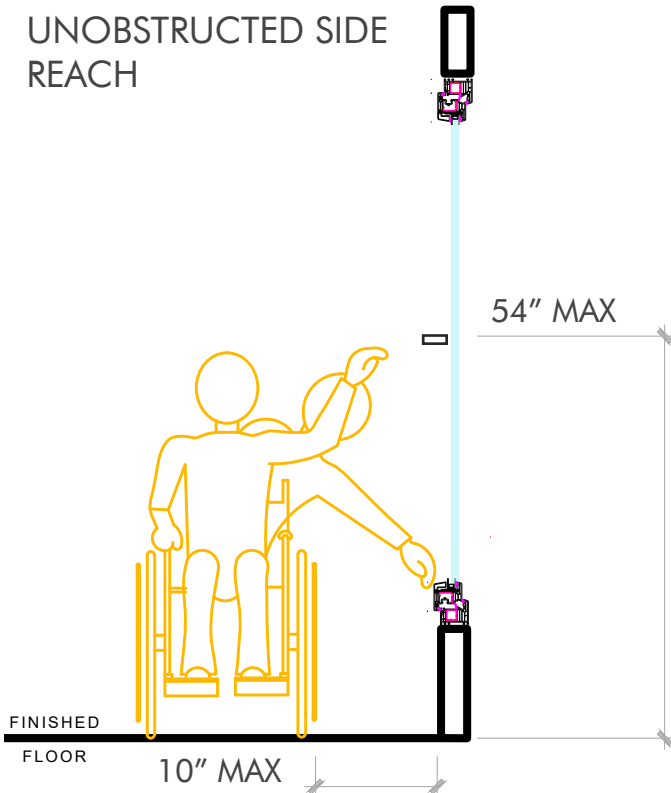
At Amberline, we abide by the “1/3 Rule of Thumb” when it comes to the acceptable range of window handle operating height. Shown in the diagram below, we divide the window into thirds and place the handle within the **MIDDLE THIRD** of the window. This allows the handle to be in the optimal operating zone where force and accessibility are best applied. It also allows ADA handles to be located in the lower end of the middle zone so they meet the 54” from the finished floor requirement.



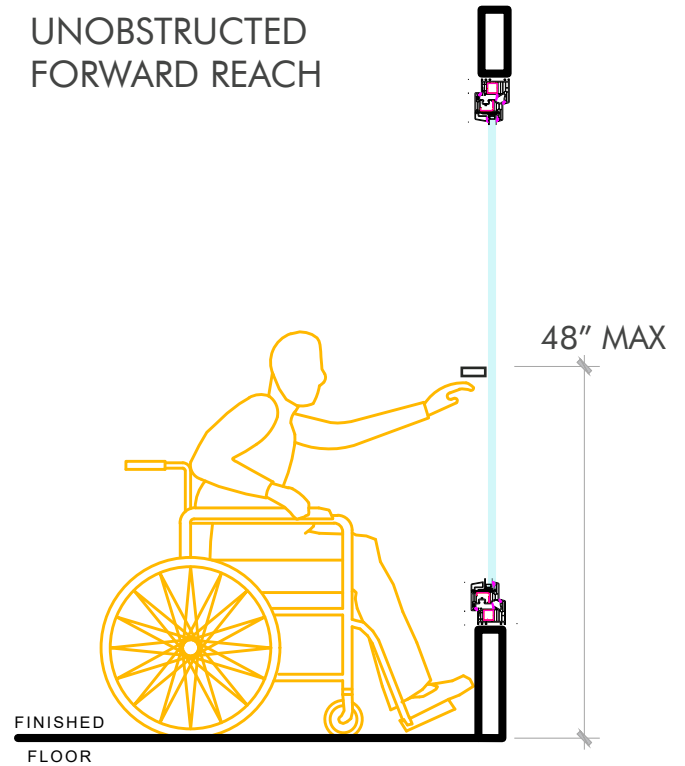
# ADA GUIDELINES

## MAX HANDLE HEIGHT

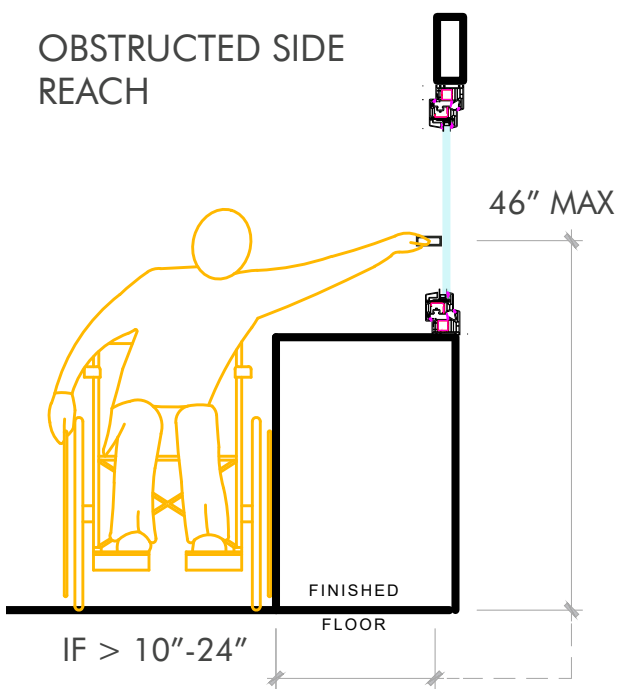
UNOBSTRUCTED SIDE REACH



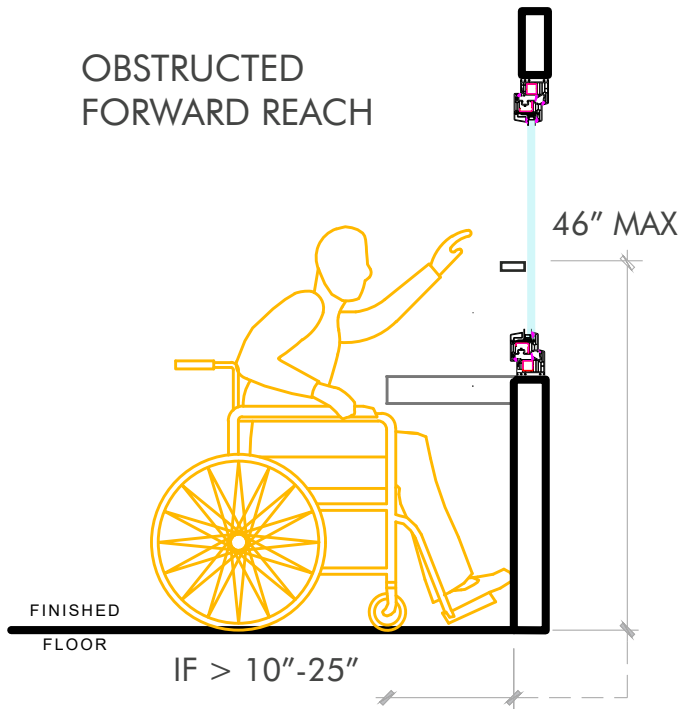
UNOBSTRUCTED FORWARD REACH



OBSTRUCTED SIDE REACH



OBSTRUCTED FORWARD REACH



PLEASE CONTACT US WITH ANY QUESTIONS.

**VISIT**

[amberlinewindows.us](http://amberlinewindows.us)

**CONTACT**

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**FOLLOW**

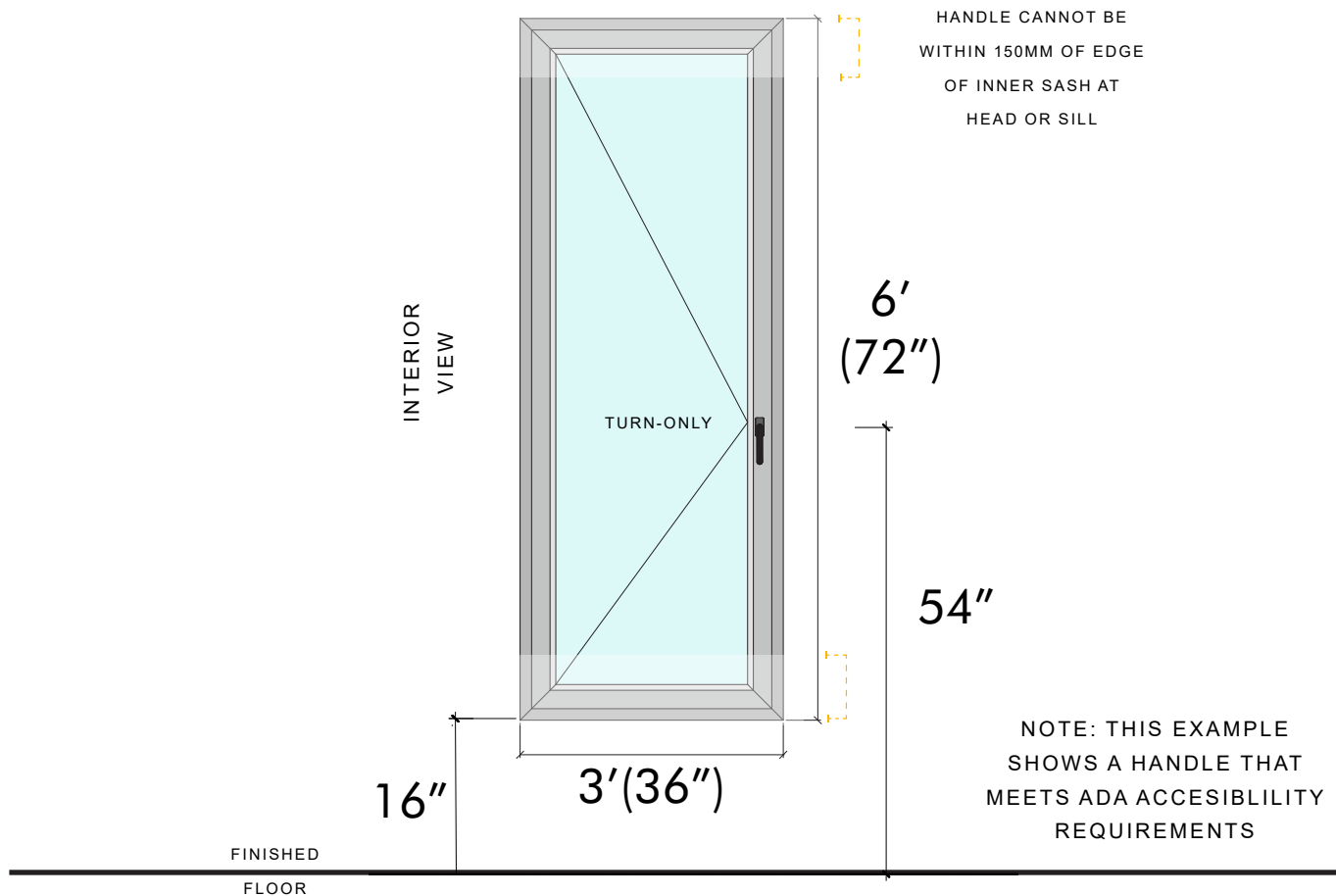
LinkedIn: Amberline

# TURN-ONLY

OTHER SOLUTIONS

WHILE ONE SOLUTION IS TO STAY WITHIN THE MIDDLE 1/3 OF THE WINDOW, THERE ARE OTHER SOLUTIONS WHICH KEEP WINDOWS ADA ACCESSIBLE.

DESIGNERS CAN UTILIZE TURN-ONLY WINDOWS, OR THEY CAN USE DIFFERENT CONFIGURATIONS TO PRODUCE SAFELY OPERATED UNITS.

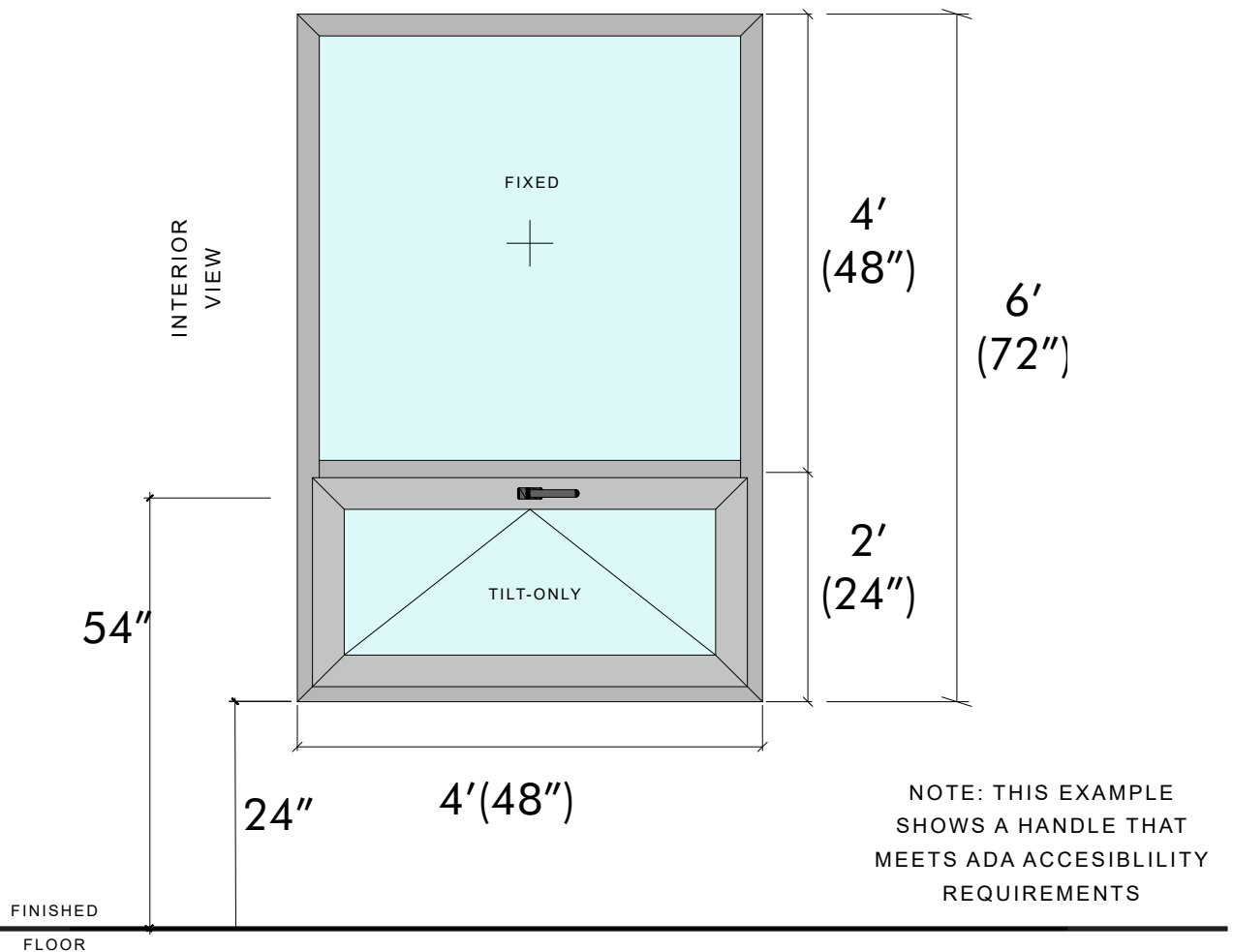


# CONFIGURATIONS

## OTHER SOLUTIONS

WE OFFER COUNTLESS CONFIGURATIONS WHICH INCLUDE AN ADA ACCESSIBLE LOWER OPERABLE SASH (IMAGE BELOW).

\*FOR NON-ADA REQUIRED OVER COUNTER REACH (I.E. PRIVATE KITCHEN WINDOW), WE SUGGEST THE HANDLE BE WITHIN 24-30" RANGE FROM THE TOP OF THE COUNTER.



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