

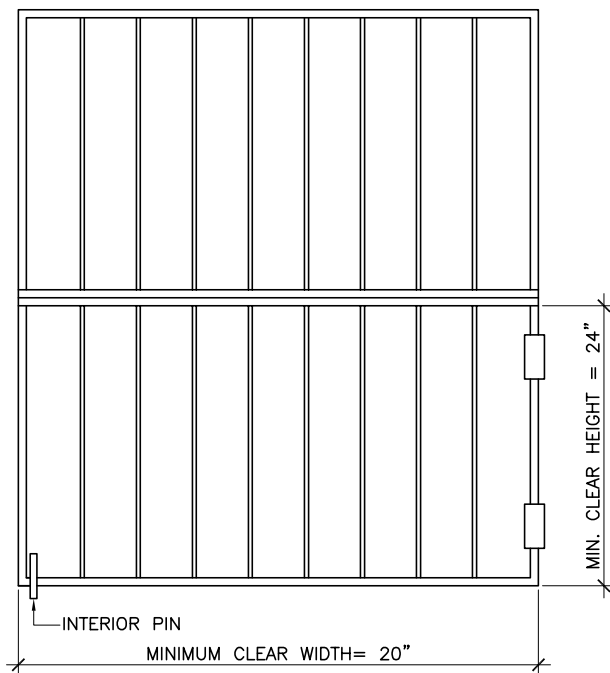
# STANDARD DETAIL FOR SECURITY BARS, GRILLES & GRATES AT WINDOWS

DESIGNATED AS EMERGENCY ESCAPE & RESCUE OPENING.

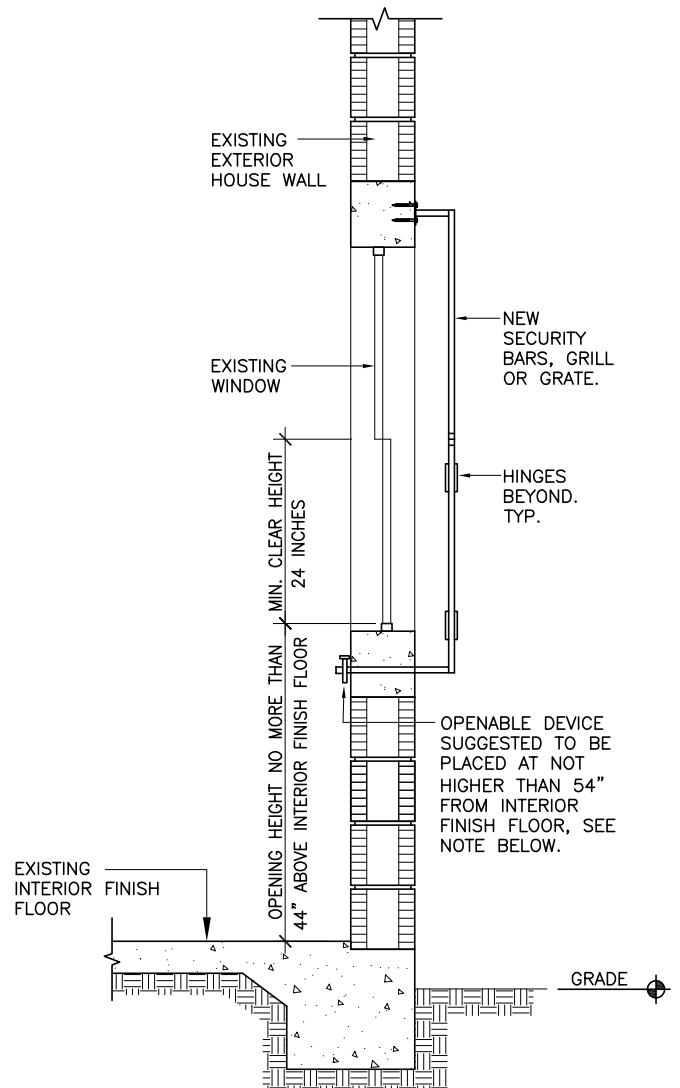
CODE: FBC 2023, 8th EDITION

ADDRESS: \_\_\_\_\_

DATE: \_\_\_\_\_



**FRONT VIEW**



**SECTION**

**NOTES:**

1. MINIMUM NET CLEAR OPENING OF 5.7 SQ. FT.  
 EXCEPTION: FOR GROUND FLOOR OPENING NET CLEAR OPENING IS PERMITTED TO BE 5.0 SQ FT.
2. MINIMUM CLEAR OPENING FOR WIDTH AND HEIGHT IS IN ADDITION TO MINIMUM CLEAR OPENING AREA REQUIRED IN NOTE 1.
3. BAR, GRILL OR GRATE OPENING SHALL COINCIDE AND ALIGN WITH WINDOW OPENING, NO SHIFTING OF THE OPENING IS ALLOWED.
4. SECURITY DEVICE SHALL BE RELEASABLE AND OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR FORCE GREATER THAN THAT REQUIRED FOR THE NORMAL OPERATION OF THE ESCAPE AND RESCUE OPENING.
5. REFERENCES:  
 FBC 2023 (BUILDING) SECT. 1030.4  
 FBC 2024 (RESIDENTIAL) SECT. R310.4

**NOTE:**  
 INSTALL RELEASE BAR THROUGH WALL AND SECURED INSIDE WITH REMOVABLE PIN. TO OPEN REMOVE PIN AND PUSH BARS OUTWARD.

THIS IS A GENERIC DETAIL, THE SECURITY GRILL SHALL FREELY SWING OUTWARD. THERE SHALL BE UNOBSTRUCTED ACCESS TO THE RELEASE MECHANISM INSIDE THE ROOM.