

CHECK MARK IF APPLICABLE



## STANDARD DETAIL FOR NEW WINDOW OPENING IN EXISTING MASONRY WALL

CODE: FBC 2023, 8th EDITION

ADDRES	SS:	
DATE:	DATE:	
	LIMITATION OF THIS DETAIL:	

APPLICABLE FOR UP TO TWO-STORY ONE AND TWO FAMILY RESIDENCES AND TOWNHOMES.

- APPLICABLE ONLY TO WINDOWS OPENING WITH MAXIMUM WIDTH AS INDICATED IN THE DETAILS.
  DETAIL IS NOT APPLICABLE FOR THE CASES WHERE A GIRDER TRUSS AND/OR A BEAM IS BEARING AT THE SIDE OR ON THE TIE BEAM DIRECTLY ABOVE THE OPENING.
- **EXISTING** ROOF FRAMING TIE BEAM. NOT SHOWN DRILL AND EPOXY #5 **EXISTING** ROOF FRAMING TIE BEAM. DOWEL. PROVIDE 4" NOT SHOWN MIN EMBEDMENT. TYP. į EXISTING MASONRY WALL DRILL AND EPOXY #5 2'-6" MIN. DOWEL. PROVIDE 4" MIN EMBEDMENT. TYP. NEW NEW WINDOW WINDOW **OPENING** NEW 8"x8" CONC. LINTEL,-REINF. W/ 2 #5 BARS **OPENING** AT MID-DEPTH. USE 10'-02500 PSI CONC. MIN. 8'-0" MAX 4'-0" 4'-0" MAX. NEW #5 TIE-DOWN AT MAX. EXIST. WALLS. EXISTING MASONRY WALL 8"x8" WINDOW SILL REINF -W/ 2 #5 HZTL OR 8" CONCRÉTE "KNOCKED OUT" BLOCK. SAWCUT ONE FACE OF MASONRY 8" WIDE. PROVIDE #5 VERT. AND GROUT BACK WITH 2500 PSI GROUT. TYP EXISTING SLAB AND WALL FOOTING **NEW WINDOW OPENING NEW WINDOW OPENING** DETAIL 1 DETAIL 2 **ELEVATION** ELEVATION WINDOW NOA OR FL APPROVAL No .: \_ WINDOW NOA OR FL APPROVAL No .: \_

## NOTES FOR OPENINGS DESIGNATED FOR EMERGENCY ESCAPE AND RESCUE:

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- 1. MINIMUM NET CLEAR WINDOW PANE OPENING OF 5.7 SQ. FT
  - EXCEPTION: FOR GROUND FLOOR OPENING NET CLEAR WINDOW PANE OPENING IS PERMITTED TO BE 5.0 SQ FT.
- 2. MINIMUM DIMENSIONS:
  - THE MINIMUM NET CLEAR WINDOW PANE OPENING HEIGHT DIMENSION SHALL BE 24 INCHES. THE MINIMUM NET CLEAR WINDOW PANE OPENING WIDTH DIMENSION SHALL BE 20 INCHES.
- 3. THE MINIMUM NET CLEAR WINDOW PANE OPENING DIMENSIONS SHALL BE THE RESULT OF NORMAL OPERATION OF THE OPENING.
- 4. BOTTOM OF THE CLEAR WINDOW PANE OPENING NOT GREATER THAN 44 INCHES MEASURED FROM THE FLOOR.
- 5. REFERENCES:

FBC 2023 (BUILDING) SECT. 1030 FBC 2023 (RESIDENTIAL) SECT. R310