



Reviewed for Code Compliance PRBD20170100989





SCREEN ENCLOSURE WILL NOT ADVERSLEY AFFECT THE HOST STRUCTURE.



MICHAEL K. SHEELEY, AIA FLORIDA REG. (10564

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Build it!

Concrete Anchor Specifications

Fastener	Min. Embedment	Allowable Shear Load	Allowable Tension Load Load	Material	Substrate Material	Fla. Product Approval
3/16" Ø TITEN Screw	1-1/4"	220#	160#	Carbon Steel	Hollow or Grout Filled CMU	2355.1
3/16" Ø TITEN Screw	1-1/4"	255#	305#	Carbon Steel	Concrete	2355.1
3/16" Ø TITEN Screw	1-1/4"	78#	78#	Stainless Steel	Hollow or Grout Filled CMU	2355.1
1/4" Ø TITEN Screw	1-1/4"	300#	165#	Carbon Steel	Hollow or Grout Filled CMU	2355.1
1/4" Ø TITEN Screw	1-1/4"	400#	365#	Carbon Steel	Concrete	2355.1
1/4" Ø TITEN Screw	1-1/4"	124#	137#	Stainless Steel	Hollow or Grout Filled CMU	2355.1
3/8" Ø TITEN HDScrew	2-3/4"	870#	480#	Carbon Steel	Grouted CMU	11506.7
1/2" Ø TITEN HDScrew	3-1/2"	1,385#	690#	Carbon Steel	Grouted CMU	11506.7
5/8" Ø TITEN HDScrew	4-1/2"	2,085#	1,060#	Carbon Steel	Grouted CMU	11506.7
3/4" Ø TITEN HDScrew	5-1/2"	3,000#	1,600#	Carbon Steel	Grouted CMU	11506.7

Notes:

1. Stainless steel fasteners may only be used when specifically stated on the detail drawings.

2. Design values in masonry substrate refer to face shell embedment only.

Simpson fasteners may not be installed within 1-1/4" of mortar joint, when installed into masonry З.

4. All fasteners design values into concrete substrate are based on 3,000 psi concrete strength...

DESIGN PARAMETERS:										
APPLICABLE CODES: BUILDING CODES = FLORIDA BUILDING RESIDENTIAL 2014,	BASIC WIND SPEED:									
		BUILDING CONSTRUCT	TION TYPE: ☐ TYPE II-B ☐ TYPE III-A ☐ TYPE III-B	TYPE IV TYPE V-A TYPE V-B						
			Y: C D							
METHOD OF DESIGN: DESIGNED PURSUANT TO FLORIDA BU WITH ASCE7-10 AND ALUMINUM ASSI IMPORTANCE FACTOR:	ILDING CODE CHAP. 16, BUILDING 2014 OCIATION OF FLORIDA 2012	WINDBORNE DEBRIS REGION:								
X 0.77 (BUILDING CATEGORY I)	1.15 (BUILDING CATEGORY III)	X N/A								
1.00 (BUILDING CATEGORY II)	1.15 (BUILDING CATEGORY IV)	IMPACT RESISTANT SHUTTERS								
BUILDING OCCUPANCY CLASSIFICATION:	IMPACT RESISTANT STORM PANELS IMPACT RESISTANT COMBINATION OF GLASS & STORM PANELS									
GROUP B - BUSINESS GROUP D - DAY CARE CENTER GROUP E - EDUCATIONAL GROUP F - FACTORY INDUSTRIAL	GROUP I - INSTITUTIONAL GROUP M - MERCANTILE GROUP R - RESIDENTIAL GROUP S - STORAGE	INTERNAL PRESSURE 0.00 (OPEN) +0.18, -0.18 X +0.55, -0.55	COEFFICIENTS: 3 (ENCLOSED) 5, (PARTIALLY ENCLOSI	ED)						

AR0010564 ERED AN SHEELEY ARCHITECTS I N C C R P C V Y T F E D 8200 COLLEGE PARKWAY SUITE 101 8 FORT MYERS. FL 33919 AA# 0002319 PROJECT INFORMATION PROJECT NUMBER - #0000 ICONTRACTOR IPROJECT ADDRESS FABRITECH FOUNTAIN POOLS=FIDDLERS LAGOMAR LOT 32 5755 Corporation 5755 Corporation Cort NAPLES FLACT 730005 1810 ALUMINUM STRUCTURAL MEMBERS 2 x 2: ------2" x 2" x 0.046" 3 x 2: ------3" x 2" x 0.050" 2 x 3: -----2" x 3" x 0.050" 2 x 3: -----2" x 3" x 0.070" Fort Myers, FL 33905 2 x 4: -----2" x 4" x 0.050" 2 x 5: -----2" x 5" x 0.050" 1 x 2:----- 1" x 2" x 0.040" 1 x 3:-----1" x 3" x 0.045" 2 x 2 Snap:-----2" x 2" x 0.045" DRAWN BY 2 x 3 Snap: -----2" x 3" x 0.050" 2 x 4 Snap:----- 2" x 4" x 0.045" SHEET NUMBER Π 2 x 4 SMB:----- 2" x 4" x 0.044" x 0.100" 2 x 5 SMB:----- 2" x 5" x 0.050" x 0.118" 2 x 6 SMB:----- 2" x 6" x 0.050" x 0.120" 2 x 7 SMB:----- 2" x 7" x 0.057" x 0.120" 2 x 8 SMB:----- 2" x 8" x 0.072" x 0.224" 2 x 9 SMB:----- 2" x 9" x 0.072" x 0.224" 2 x 10 SMB:----- 2" x 10" x 0.092" x 0.374" MICHAEL K. SHEELEY, AIA FLORIDA REG. (10564

HOLLOW SECTIONS

OPEN BACK SECTIONS

SNAP SECTIONS

SELF MATING (SMB)

MICHAEL K. SHEELEY REG. # 0010564

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MICHAEL K. SHEELEY





