Screened enclosures containing swimming pools shall comply with the applicable requirements of FBC R4101.17 Residential 5. The minimum nominal thickness of protector panels (kickplates) CONTRACTOR: TIMBERLAKE ALUMINUM CONSTRUCTION Roof bracing shall be a minimum 2"x2"x0.44". Connection shall be 7. Screen material shall be 18/14 screen unless approved by Suncoast Fasteners are required to be SAE Grade 2 or better zinc plated DESIGN CRITERIA: Door location shall be determined by contractor in the field. All Self Mating Beam Sections are to be stitched with either #14 Risk Category 1. 2. Basic Wind Speed, Table 1609C, State of Florida Debris Region & 1. Where concrete specifications are required, whether in the screen Specifications The following specifications are applicable to this project: Footing Size and Reinforcing: Existing concrete. No additional concrete footing or slab is required to resist the loads imposed upon the existing slab by the proposed construction if the existing slab is a minimum of 4" thick and in sound condition, free from 3. ASCE 7-10. 2. AA ASM 35 and Specifications for Aluminum Structures, Part 1-A structural cracking, spalling, or other deterioration. Wind Loads oundation Design Applicable Codes, Regulations, and Standards The 2010 Florida Building Code specifically Chapter 16 Structural epoxy to deck or grout to deck w/ 3000 PSI grout with bonding approved by Suncoast Architecture & Engineering. ends and 12" center to center. Building Occupancy Category, Paragraph 1604.5 and Table 1604.5: similar to C/A-2 w/ top strap Architecture & Engineering, LLC Swimming Barrier requirements. shall be an industry standard of 0.024 inches. Aluminum extrusions shall be 6005 T5 Alloy screws 6" from ends and 24" center to center or #12 screws 6" from enclosure scope or not, by one or more regulatory agency, the Basic Wind Speed, Paragraph 1609.3.1 and Table 1609.3.1 Equivalent Basic Wind Speed: 120 MPH. Exposure Category, Paragraph 1609.4.3: B Screen roof enclosure, Table 2002.4 of the Aluminum Design Manual prepared by The Aluminum following specifications are applicable: Design, Chapter 20 Aluminum, and Chapter 23 Wood. Association, Inc. Washington, D.C., 2005 Edition When pavers are under aluminum members contractor shall Design shall be based upon "PINNED" upright analysis unless e. Moist cure or polyethylene curing permitted. f. Prior to placing concrete, treat the entire subsurface area for c. Concrete slump at discharge chute not less than 3" or more g. Concrete shall be placed over a polyethylene vapor barrier. d. Prepare and place concrete per American Concrete Institute ii. Welded wire fabric - ASTM A185 v. Clean Potable water iv. Water reducing agent - ASTM C 494 b. Metal accessories shall conform to: Portland Cement Type 1,- ASTM C 150 Aggregates - Large Aggregate 3/4" max - ASTM C 33 Air entraining +/- 1% - ASTM C 260 Manual of Standard Practice, Parts 1, 2, and 3 including hot Reinforcing Bars - ASTM A615, grade 60 Concrete shall conform to ASTM C94 for the following termites in compliance with the FBC. weather recommendations. than 5". Water added after batching is not permitted. Other admixtures not permitted 1X2(typ) 2X2 2X2 2X2 11'-0" SMB SMB SMB SMB 2X5 SMB 2X5 1X2 1X2 1X2(typ) -5'-0"+₩₩ —11'-0"--3'-0" 11'-0' 29 27'-2X2 1X2 X2(typ)X4 2X2(typ) ·6'-0"-\-6'-0"-\-6'-0"-\-6'-0"-\-6'-0"-\-6'-0" -6'-0" 2X2 2X5 2X7 2X5 +6'-0" SMB SMB SMB SMB A-3 1X2(typ) 1X2(typ 2X3 2X3 -21'-0" A-3 2X5 2X7 2X4 2X5 SMB SMB SMB SMB C.B. 2X7SMB -6,3, 2X2 2X3 2X3 2X5 2X7 2X4 2X5SMB SMB 1X2(typ) SMB SMB 1X2(typ) 2X2DJ 2X2 2X2DJ 2X3 48'-0" 1X2 2X7 SMB 2X5 SMB 2X2 A-2 A-P 2X3 A-2 2X3 2X5 SMB SMB 2X2(typ) 2X2(typ) 2X2 2X3 2X3 2X5 \$MB 2X7 LUMBIA SMB 2X2 o, Q 2X5 2X7 SMB SMB Ó, 2X2DJ 2X2(typ) 2X2DJ 1X2 0, No.64609 PROJECT ADDRESS: PROFESSIONAL ENGINEER SUNCOAST ARCHITECTURE DATE DRAWN 06/29/12 DRAWN BY & ENGINEERING, LLC REVISION MARTIN 997 SW HILL CREEK DR 13630 58TH STREET NORTH SUITE 101 STEVEN MORAGA, P.E. CLEARWATER FL. 33760 COLUMBIA, FL FLORIDA LICENSE: 64609 TEL: (727) 532-9000 FAX: (727) 532-9008 FLORIDA LICENSES: AA26001769 & CA #28841 NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF SUNCOAST ARCHITECTURE & ENGINEERING, LLC @COPYRIGHT



