## CITY OF LOS ANGELES

BOARD OF **BUILDING AND SAFETY** COMMISSIONERS

> VAN AMBATIELOS PRESIDENT

> > JAVIER NUNEZ VICE PRESIDENT

JOSELYN GEAGA-ROSENTHAL GEORGE HOVAGUIMIAN ELVIN W. MOON

CALIFORNIA



**ERIC GARCETTI** MAYOR

DEPARTMENT OF **BUILDING AND SAFETY** 201 NORTH FIGUEROA STREET LOS ANGELES, CA 90012

OSAMA YOUNAN, P.E. GENERAL MANAGER SUPERINTENDENT OF BUILDING

> JOHN WEIGHT **EXECUTIVE OFFICER**

Sunwest Industries, Inc. 648 N Eckhoff Street. Orange, CA 92868

Attn: Marsh Hauge (714) 920-0887

**RESEARCH REPORT: RR 25987** 

(CSI 32 31 00)

Expires:

November 01, 2023

Issued Date:

June 01, 2021

Code:

2020 LABC

GENERAL APPROVAL - Renewal - All-Safe Safety Mesh Pool Fencing

#### **DETAILS:**

The All-Safe Safety Mesh Pool Fencing, manufactured by Sunwest Industries Inc., for use as a swimming pool safety barrier, is a fixed 60 inch fencing system using a vinyl coated polyester mesh pool fence system. The system is fixed by securing 6063 tempered aluminum alloy fence poles to Akulon® glass-fiber reinforced polyamide concrete sleeves at a spacing not exceeding 36 inches o.c. and no more than 2-1/2" at section breaks as described in the provided installation guide. The locking sleeve requires a 1-1/4" diameter hole in the deck that is 4 inches deep, and is attached to the deck using ITW Buildex Tapcon® Stainless Steel Screw Anchors (ESR-3699.

Access to the pool area is through a self-closing, self-latching and lockable MagnaLatch Safety Gate Latch manufactured by D & D Technologies (as shown on attachment labeled EXHIBIT 2). The gate uses a Magna Latch magnetically operated latch and is key lockable. The Tru-Close Hinges are tension adjustable with internal stainless steel springs manufactured by D & D Technologies.

#### The approval is subject to the following conditions:

- 1. Fencing shall only be used with permanent mounting devices with embedment as shown on the attached detail labeled EXHIBIT 1.
- 2. Fencing shall be permanently installed and shall not be moved. Moveable fencing used to meet the private swimming pool barrier requirements is not allowed as it is a violation of permanent barrier requirements specified in section 91.3109.4.1 of the Los Angeles City Municipal Code.

RR 25987 Page 1 of 2

### **DISCUSSION**

This report is in conformance with the 2020 Los Angeles City Building Code.

Approval is based on testing in accordance with ASTM F 2286-05 and by demonstrating that the pool enclosure can be installed in a permanent manner.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this Approval have been met in the project in which it is to be used.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspect

QUAN NGHIEM, Chief

Engineering Research Section 201 N. Figueroa St., Room 880

want Shien

Los Angeles, CA 90012

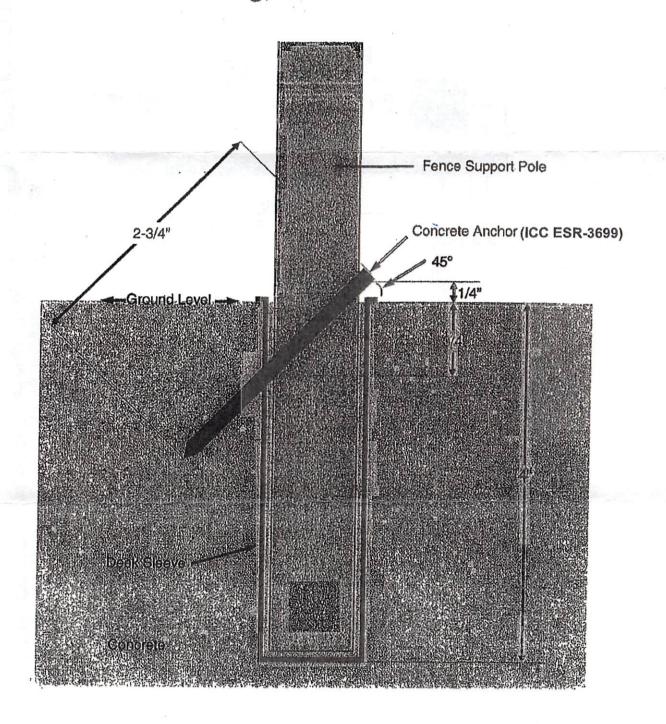
Phone- 213-202-9812 Fax- 213-202-9943

DE RR25987 R06-12-2021 TLB2100085 3109 4

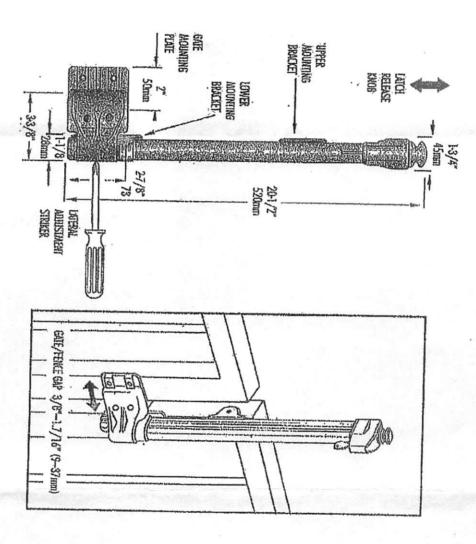
Attachment: Exhibit 1 and Exhibit 2 (2 pages)

## **EXHIBIT 1**

# Diagram of Permanent, 5' High Mesh Fencing, Method of Attachment



## **EXHIBIT 2**



Manufacturer's defailed drawing of Self-Closing, Self-Latching & Lockable Gate Latch used with the All-Safe\* Safety Mesh Pool Fence