Suhlman Engineering, Inc. civil & structural engineering: certificate of authorization 00003388

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June 8, 2021

Collier County Government

Community Development & Environmental Service Division

Plan Review and Inspections 2800 North Horseshoe Drive

Naples, Florida 34104

Re: Stewart Residence 7195 Tory Lane

Naples, Collier County, Florida 34108

Pelican Bay: Unit 10; Site 61; Collier County, Florida

Dear Sir.

Please accept this letter & the Digitally Sealed Master Plans For "Typical Residential Pool/Spa Plans & Details" No Light Nitch and Paver Deck" Master Permit # PRPO 20210204683 Prepared for and submitted by Nassau Pools Construction, Inc. CPC 026492

The following site-specific information applies to this pool-spa – water feature permit.

Pool – Spa Pump

Manufacturer: Jandy

Model VSFloPro VSFHP270

Size: 2.7 HP

Maximum Pump Flow: 134 GPM At Maximum Flow

<u>Pool Main Drain:</u> Blue Square Eclipse, <u>Round Channel Type</u>, 7-year life. <u>Spa Main/Side Drain:</u> Blue Square Eclipse, <u>Round Channel Type</u>, 7-year life.

Pool – Spa Piping

Main Drain 3" Suction 134 GPM = 5.82 fps < 8.0 fps Maximum Allowed

Water Feature Pump

Manufacturer: Jandy

Model VSFloPro VSFHP270

Size: 2.7 HP

Maximum Pump Flow: 134 GPM At Maximum Flow

Water Feature Main Drain: Blue Square Eclipse, Round Channel Type, 7-year life.

Water Feature Piping

Main Drain 3" Suction 134 GPM = 5.82 fps < 8.0 fps Maximum Allowed

Protection Method Fenced With Self-Closing, Self-Locking Out Swing Gate, Window and Door

Alarms.

This proposed pool is in USDA Soils Classification of Satellite Fine Sand Urban Land Complex classification which meets the soils engineering requirements of this pool. This will be verified by the contractor when pool is excavated, and Engineer will be notified if unsuitable soils are encountered.

If you have any questions or need further assistance, please contact this office. Thank you.

Sincerely,

Kuhlman Engineering, Inc.

This item has been digitally signed and sealed by James B. Kuhlman PE. on date noted in sealed signature. Printed copies of this document are not considered signed and sealed and signature must be verified on any electronic copies.

James B. Kuhlman P.E.

Florida Registration Number 22388

C/file Nassau Pools Construction, Inc.- Stewart Residence