



PIERCE ENGINEERS, INC.
CONSULTING STRUCTURAL ENGINEERS
181 N BROADWAY, MILWAUKEE, WI 53202
PHONE: 414.278.6060 | FAX: 414.278.6060

PROJECT MEMORANDUM 001

Via Email

TO: Zack Grmick – The Dock at Bradford
CC: Jackie Rosen – The Dock at Bradford

DATE: January 21, 2020

FROM: Andrew Blau, PE

PROJECT: 20032: The Dock at Bradford

SUBJECT: Structural Slab Review

Pierce Engineers, Inc. (PE) has reviewed the elevated concrete slab of the existing beach house structure at Bradford Beach; 2400 N Lincoln Memorial Drive, Milwaukee, WI for proposed use. See photos in Appendix 1 for structural review scope. See renderings in Appendix 2 for proposed use. The proposed use includes a bar/restaurant area, semi-private cabana structures, shade structures, and tables and chairs with umbrellas. The proposed use requires a minimum design live load of 100 psf as directed by the adopted building codes, including ASCE 7-10.

Through structural calculations and review of the original structural construction documents (provided by Owner), PE has determined the existing elevated slab does have the capacity to support a live load of 100 psf and is therefore adequate to support the proposed use of the space.

Exclusions:

This structural review and report does not include analysis of the proposed structures (bar, cabanas, shade structures, etc) or their connections to the concrete slab. This review also does not include assessment of the condition of the concrete slab for excessive wear or other degradation. Repair or reinforcement may be necessary to maintain the calculated design capacity and future durability of the elevated slab, and should be reviewed by a qualified professional prior to installation of proposed structures.

Please feel free to contact us with any questions.

Sincerely,

Pierce Engineers, Inc.

Andrew Blau, PE
Project Manager

APPENDIX 1

Photos of existing beach house structure at Bradford Beach, Milwaukee, WI. Scope of review circled in **RED**.



APPENDIX 2

Renderings of proposed use. Note that table and chair area above bar (circled in **RED**) has been removed from proposed use.

