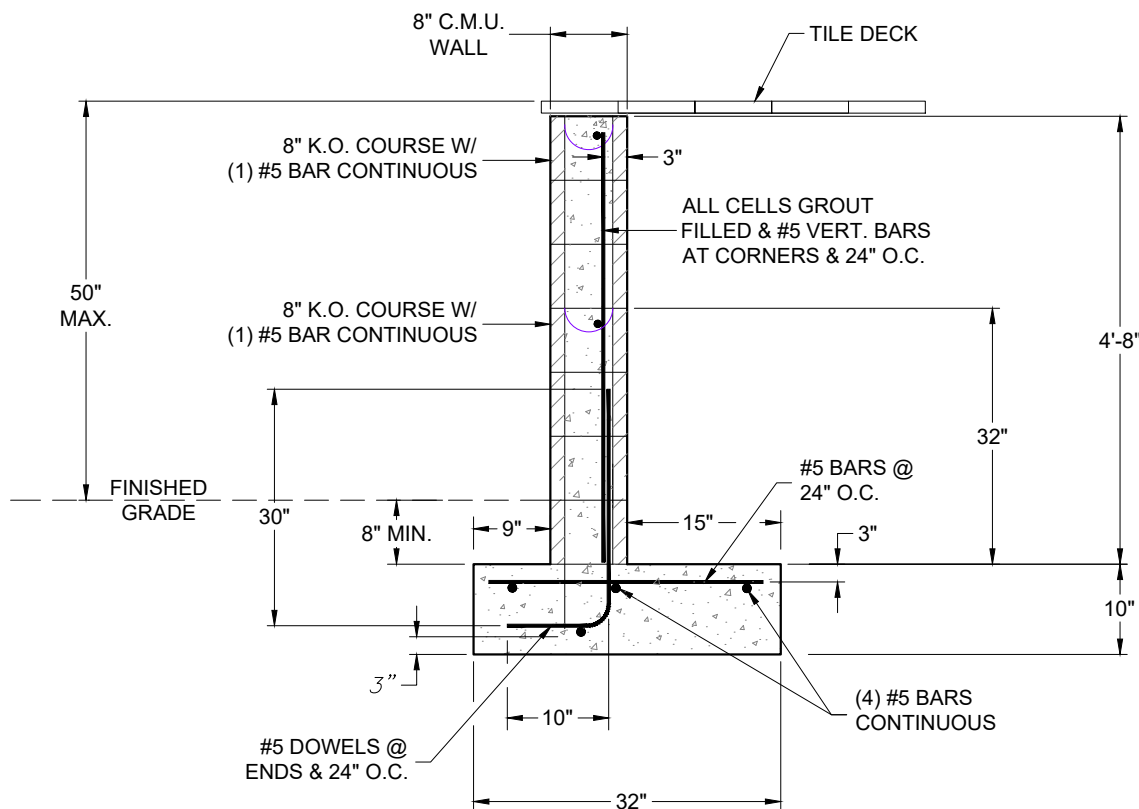


## NOTES:

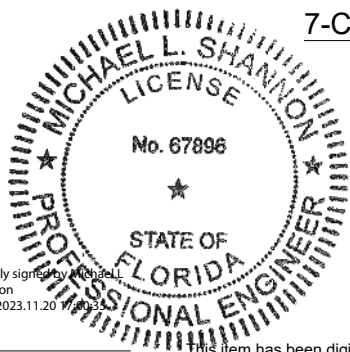
1. FOOTING & CELL FILL CONCRETE TO MEET 3,500 P.S.I. (Fc) MIN. COMPRESSIVE STRENGTH AT 28 DAYS. MAY BE CAST-IN-PLACE OR PNEUMATICALLY APPLIED CONCRETE.
2. ALL REINFORCING BARS TO BE GRADE 60 STEEL DEFORMED BARS W/ 3" MIN. COVER. CONTINUOUS #5 BARS TO BE LAP SPLICED 26" MINIMUM.
3. CONSTRUCT OVER UNIFORMLY COMPACTED SUB-GRADE W/ 2,000 LB./SF BEARING CAPACITY.
3. DESIGN CRITERIA: DESIGN BASED ON ALLOWABLE STRESS CRITERIA OF THE FLORIDA BUILDING CODE, 7<sup>TH</sup> EDITION (2020) WITH THE FOLLOWING LOADS AND ALLOWABLE STRESSES:

LATERAL SOIL LOAD: 60 psf/ft per ft. depth  
 LIVE LOAD: 40 psf  
 CONCRETE COMP. STRESS: 1,575 psi (0.45Fc')  
 REINFORCING STEEL STRESS: 24,000 psi (Grd. 60)  
 MASONRY COMP. STRESS: 130 psi

WIND LOAD DESIGN DATA:	
V <sub>ULT</sub>	150mph
V <sub>ASD</sub>	116 mph
Risk	I
Exposure	D



**7-COURSE (50" MAX.) FOOTING WALL SECTION**  
 (N.T.S.)



Michael L  
Shannon

Digitally signed by Michael L.  
Shannon  
Date: 2023.11.20 17:03:33  
-05'00'

Michael L. Shannon, P.E.  
License No. 67896

This item has been digitally signed and sealed by Michael L. Shannon, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

### CREST ENGINEERING

of Sarasota, LLC  
 3402 Magic Oak Lane, Sarasota, Florida 34232  
 Ph: (941) 377-8811  
 Email: info@crestfl.com

Florida Engineering Firm No. 28100

### POOL DECK FOOTING WALL

### DELGADO RESIDENCE

1047 NW Scenic Lake Drive, Lake City, FL 32055

Prepared For: Three Palm Pools, LLC. P.O. Box 152, Newberry, FL 32669

Project No.: S0416

Date: 11-20-2023

Sheet 1 of 1