DESIGN SPECIFICATIONS:

DESIGN CODES: THE 2010 FLORIDA BUILDING CODE (FBC), ACI & NDS,
APA AND ASCE-7-05, ALL LATEST EDITIONS
OCCUPANCY: N/A
CONSTRUCTION: N/A
BASIC WIND SPEED: 120 MPH.
WIND IMPOTENCE FACTOR: .77
WIND EXPOSURE: C
INTERNAL PRESSURE COEFFICIENT: N/A

MATERIAL SPECIFICATIONS:
ANCHOR BOLTS AND THREADED RODS: SHALL BE IN ACCORDANCE WITH ASTM A 307 OR ASTM F GRADE 36 (HOT DIPPED GALVANIZED).

WASHERS: SHALL BE IN ACCORDANCE WITH ASTM F 436 GRADE 36 (HOT DIPPED GALVANIZED).
METAL CONNECTORS: ALL EXTERIOR EXPOSED METAL CONNECTORS SHALL BE GALVANIZED.
STEAL: STEAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FBC. ALL STEEL SHALL BE GALVANIZED.
WOOD: WOOD FRAMING SHALL BE IN ACCORDANCE WITH THE FBC. EXCEPT AS NOTED ON THESE PLANS.
ALL WOOD SHALL BE SYP #2 OR BETTER AND SHALL BE TREATED IN ACCORDANCE WITH AWPA STANDARDS. PILES SHALL BE GRADE ACCORDING TO ASTM D25.

FOR SALTWATER SUBMERGIBLE CONDITIONS WOOD TREATED SHOULD BE CCA 2.5.
FOR FRESH WATER SUBMERGIBLE CONDITIONS, WOOD PILE TREATMENT SHOULD BE CCA .80
FOR ALL OTHER WOOD MEMBERS, TREATMENT SHALL BE CCA/ACQ.

CONSTRUCTION SPECIFICATIONS:
WALL:
CONSTRUCTIONS SHALL BE IN ACCORDANCE WITH FBC.
SOIL:
BACK FILL SOIL SHALL BE INORGANIC, NON-PLASTIC GRANULAR SOIL. HAVING A FINE CONTENT OF 10 TO 12% OR LESS (RELATIVELY CLEAN SAND AND SLIGHTLY SILTY SAND).
SOIL SHALL BE PLACED IN 12" LIFTSTAND COMPACTED TO DENSITIES OF AT LEAST 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY.

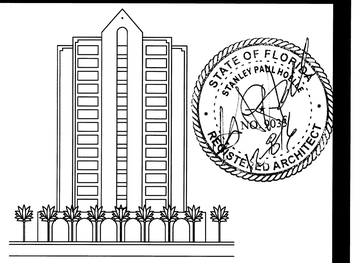
GENERAL NOTES:

1. ALL DESIGN, CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION OVER THE WORK
2. FOR SPECIFIC DIMENSIONAL INFORMATION OF WALL LENGTH, PLEASE REFER TO CIVIL DRAWINGS PROPERTY SURVEY.
3. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS AT THE JOB SITE PRIOR TO COMMENCING CONSTRUCTION.
4. A SOIL INVESTIGATION REPORT SHOULD BE PERFORMED TO VERIFY SUITABLE SUBSURFACE CONDITIONS.
5. DETAILS FOUND WITH IN THESE DRAWINGS SHALL BE ASSUMED TO BE TYPICAL. DETAILS FOR THIS JOB ONLY. DETAILS SHALL GOVERN CONSTRUCTION FOR THIS JOB UNLESS OTHERWISE NOTED ON THE PLANS.
6. THE E.O.R. SHALL BE NOTIFIED OF EXISTING SITE CONDITIONS DEVIATED FROM ORIGINAL INFORMATION PROVIDED TO DB CIVIL WORKS OR IF CHANGES ARE MADE FROM ORIGINAL DESIGN OR LAYOUT.
7. IF DRAINAGE PIPE WILL PENETRATE WALL, CONTRACTORS SHALL PLACE WALER ABOVE AND BELOW PIPE. DO NOT CUT WALERS. CONTRACTOR SHALL ENSURE PROPER COMPACT ION AND BACK FILL AND ENSURE THAT THE FILTER FABRIC IS PLACED CAREFULLY AROUND PIPE BRAKE THROUGH AREA AND SEALED SO AS NOT TO ALLOW BACK FILL MATERIAL TO ESCAPE.
8. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED FROM SITE AND DISPOSED OF BY THE CONTRACTOR
9. CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY LOCATIONS AND NOTIFICATIONS
10. E.O.R. SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS AND PROCEDURES, TECHNIQUES OR SEQUENCES OF CONSTRUCTION, NOR FOR SAFETY ON THE JOB SITE, NOR SHALL THE E.O.R BE RESPONSIBLE FOR THE CONTRACTORS FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH CONTRACT DOCUMENTS.

A SOIL BORING LOG WAS PROVIDED; HOWEVER, A REPORT OF GEOTECHNICAL SOIL INVESTIGATION HAS NOT BEEN PROVIDED PRIOR TO PREPARATION OF THESE DESIGN PLANS. THESE DESIGNS HAVE BEEN PREPARED WITH THE FOLLOWING ASSUMPTIONS OF EXISTING SOIL CONDITIONS, BASED ON PREVIOUS EXPERIENCE WITH SOIL TYPICAL TO THOSE DESCRIBED ON THE BORING LOG: SOILS CONSIST OF SILTY SAND WITH AN APPROX.. UNIT WEIGHTS OF 110 PCF AND A PHI ANGLE OF 30 DEG. IT IS THE OWNER OR OWNERS REPRESENTATIVE'S RESPONSIBILITY TO VERIFY THE ASSUMED SOIL STRENGTH PERIMETERS ARE REPRESENTATIVE OF THE SOILS AVAILABLE OF WALL CONSTRUCTION. IF THE SOIL STRENGTH PERIMETERS ARE NOT FOUND TO BE INCONSISTENT WITH THOSE ASSUMED BY THE ENGINEER OF RECORD (E.O.R), THE DESIGN IS NO LONGER VALID. IT IS THE RESPONSIBILITY OF THE OWNER OR THE OWNERS REPRESENTATIVE TO NOTIFY THE E.O.R. SO THE WALL SYSTEM CAN BE REDESIGNED. FAILURE TO NOTIFY THE E.O.R. MAY RESULT IN THE FAILURE OF THE RETAINING WALL.

THIS WALL IS NOT DESIGNED TO CARRY ANY LOAD OTHER THAN THAT OF THE SOIL IT IS SUPPORTING. ANY SURCHARGE IN EXCESS OF THE DESIGN LOAD IS NOT PERMITTED.

THE E.O.R. SHOULD BE CONTACTED IF THE INTENT OF THIS WALL IS NOT DESCRIBED.



Stanley P. Hoelle, Architect
Florida Reg. No. AR9033
1114 Mistletoe Drive,
Daytona Bch, Fl 32117
(386) 295-9750

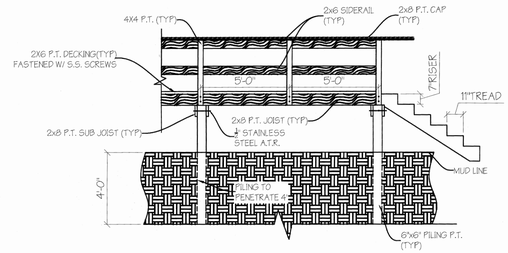
Plans Conform to: 2014 Florida Building Code, 2011 National Electric Code, 2015 WFCM Design Criteria, 2014 ASCE 24 Design Criteria,
Structurally Adequate for
Alteration Level: N/A
Risk Category: N/A
Wind Velocity: (MPH) 140
Exposure Category: B
Internal Pressure: .18

GENERAL NOTES

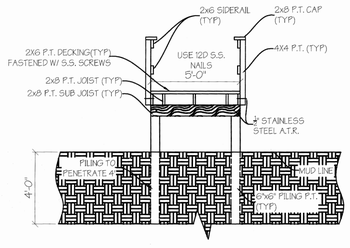
All lumber to be appropriately treated for use in a marine environment, 2.5 CCA pilings and .5 ACQ/MCQ above the waterline. All fastenings to be stainless steel, 305 or better.

P&G CONSTRUCTION
161 Creekside Drive
St. Augustine, FL 32086
O: (904) 342-5746
C: (904) 514-4805
www. pgconstructioninc.com

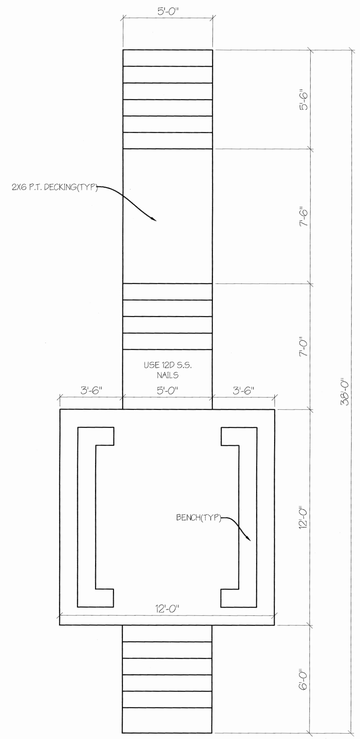
Project: Madeira Villa Central Condo Assoc.
Owner: Timothy Mahan
Address: 2810 Ocean Shore Blvd.
Ormond Beach, FL. 32176
Plan Date: December 16, 2016
Scale: $\frac{1}{4}$"=1'-0"



SIDE ELEVATION



FRONT ELEVATION



FLOOR PLAN

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Risk Category: N/A
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