GENERAL NOTES:

1. THE WORK CONSISTS OF FURNISHING ALL CONSTRUCTION, LABOR, EQUIPMENT AND MATERIALS AND PERFORMING ALL OPERATIONS IN CONNECTION WITH MARINE CONSTRUCTION AS SHOWN ON THESE DRAWINGS AND SPECIFIED IN THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL ABIDE BY ALL NOTES AND CONDITIONS INDICATED ON THE CONSTRUCTION PLANS AND PERMITS. IF THE CONTRACTOR VIOLATES ANY CONDITION OF THE PERMIT AND WORK IS STOPPED BY A PUBLIC ENTITY, THEN ANY ADDITIONAL COSTS INCURRED BY THE CONTRACTOR SHALL BE PAID BY THE CONTRACTOR AND NOT CHARGED TO THE OWNER.
3. UNDERGROUND AND SUBAQUEOUS IMPROVEMENTS AND/OR UTILITIES WERE NOT LOCATED AS PART OF THIS SURVEY AND SHOULD BE FIELD VERIFIED PRIOR TO ANY MARINE CONSTRUCTION.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH OTHER UPLAND CONTRACTORS ON SITE.
5. ANY DISCREPANCIES IN THE PLANS WITH FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. CONSTRUCTION SHALL NOT CONTINUE UNTIL THE ENGINEER HAS ADDRESSED THE DISCREPANCIES.
6. CONTRACTOR SHALL COORDINATE WITH OWNER FOR UPLAND STAGING AREA.

DOCK DESIGN LOADS:

4

1. FLORIDA BUILDING CODE 2017, NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION 2015
2. WIND CRITERIA:
   AMERICAN SOCIETY OF CIVIL ENGINEERS, STANDARD 7-10: MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES.
   V = 165 MPH.
   EXPOSURE 'D'.
   RISK CAT. I
3. LIVE LOAD: 100 PSF

TOPOGRAPHIC SURVEY NOTES:

1. TOPOGRAPHIC BOUNDARY SURVEY PROVIDED BY HADONNE LAND SURVEYOR AND MAPPERS, FIELD WORK COMPLETED ON JAN. 10, 2018.
2. HORIZONTAL COORDINATES ARE IN FEET AND REFERENCED TO FLORIDA STATE PLANE EAST ZONE (NAD 83).
3. ELEVATIONS ARE IN FEET AND REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).

LAYOUT AND TESTING:

1. ALL CONSTRUCTION STAKEOUT SHALL BE PERFORMED BY AND PAID FOR BY THE CONTRACTOR.
2. ALL TESTING AND INSPECTION FOR CONCRETE/GROUT MATERIALS SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATIONS, AND SHALL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY.
3. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A SET OF AS-BUILT DRAWINGS IN SUFFICIENT DETAILS TO ILLUSTRATE THE HORIZONTAL AND VERTICAL COMPONENTS OF ABOVE AND BELOW GROUND STRUCTURES AND WALLS RELATIVE TO THE CONSTRUCTION BASELINE.

WOOD PLATFORM GENERAL NOTES:

1. JOISTS, STRINGERS, BEAMS AND SLEEPERS SHALL BE DRESSED LUMBER, S4S.
2. WOOD FRAMING SHALL BE NO.1 DENSE SOUTHERN YELLOW PINE, UNO.
3. ALL WD. FRAMING SHALL BE PRESSURE TREATED WITH ACQ WITH A MINIMUM RETENTION OF 0.4 PCF.
4. TREATMENT SHALL BE IN CONFORMANCE WITH THE STANDARDS OF AWPA C18. CUT OR SAWED SURFACES IN PRESERVATIVE TREATED MEMBERS SHALL RECEIVE TWO COATS OF THE SAME PRESERVATION USED IN THE ORIGINAL TREATMENT OR APPROVED EQUIVALENT.
5. TIMBER DECKING SHALL BE NO. 1 DENSE "TROPICAL DECKING" WITH MACHINED EDGES AND WAS WATER REPELLANT ADDITIVE "PRESERVE PLAU" FASTEN DECKING TO FRAMING WITH #10x3" GALVANIZED DECK SCREWS AT 3" O.C. PROVIDE 1/8" GAP BETWEEN PLANKS AND AT EXPANSION JOINTS. GAP RANGE AT SKEWED DECKING SHALL BE 1/16" MIN. TO 3/16" MAX.
6. TIMBER SHALL BE FREE OF SPLINTER WARPING, BOW, OR OTHER STRUCTURAL DEFICIENCIES.
7. ALL TIMBER PILES SHALL BE SOUTHERN YELLOW PINE UNLESS OTHERWISE NOTED. PILES SHALL BE DRIVEN TO ACHIEVE A MINIMUM BEARING CAPACITY OF 10 KIPS AND MIN. TENSION CAPACITY OF 2K PILES SHALL BE PRESSURE TREATED WITH CCA TO 2.5 PCF IN. RETENTION. PILE TIP DIAMETER SHALL BE MIN. 2/3X SPECIFIED DIAMETER, TAPERED LENGTH OF PILE SHALL BE 10X SPEC. DIA. MAX.
8. PILES SHALL BE DRIVEN TO ACHIEVE AN AXIAL COMPRESSION DESIGN CAPACITY OF 2 TONS & 1 TON LATERAL.

SUBMITTALS:

1. CONTRACTOR TO SUBMIT MATERIAL CUT SHEETS, SHOP DRAWINGS OR SPECIFICATIONS OF THE FOLLOWING ITEMS FOR ENGINEER'S APPROVAL, PRIOR TO PROCUREMENT OR INSTALLATION:

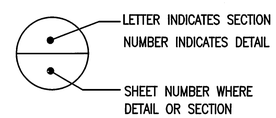
   A. NON-SHRINK GROUT
   B. SCHEDULE FOR COMPLETION OF WORK WITH TASKS AND DURATIONS DEFINED
   C. PROCEDURE FOR THE PROTECTION OF FRESH CONCRETE FROM INCLEMENT WEATHER
   E. PILE DRIVING MEANS AND METHODS INCLUDING PILE HAMMER DATA
   F. TIMBER PILING
   G. FLOATING DOCK SHOP DRAWINGS

ABBREVIATIONS

APPROX.	APPROXIMATE	MIN.	MINIMUM
AL	ALUMINUM	MHW	MEAN HIGH WATER
B	BOTTOM	MHHW	MEAN HIGHER HIGH WATER
BLT.	BUILT	MLW	MEAN LOW WATER
BM	BEAM	NO.	NORTH
BRG.	BEARING	O.C.	ON CENTER
C.Y.	CUBIC YARD	OA	OVERALL
CL/℄	CENTER LINE	P.E.	PROFESSIONAL ENGINEER
C.O.	CLEAN OUT	⅊	PROPERTY LINE
CONC.	CONCRETE	PSF	POUNDS PER SQUARE FOOT
CONN	CONNECTION	PSI	POUNDS PER SQUARE INCH
CONT.	CONTINUOUS	SL	SLOPE
DIA./ø	DIAMETER	S.O.G.	SLAB ON GRADE
EW	EACH WAY	SS	STAINLESS STEEL
EA.	EACH	STL.	STEEL
EE.	EACH END	STA.	STATION
ELEV.	ELEVATION	TE	THICKENED EDGE
E.F.	EACH FACE	T	TOP
EJ.	EXPANSION JOINT	TYP.	TYPICAL
EXIST.	EXISTING	UNO.	UNLESS OTHERWISE NOTED
GALV.	GALVANIZED	WD.	WOOD
M	MID-DEPTH	WWF.	WELDED WIRE FABRIC
MAX.	MAXIMUM		

BUILDING DEPARTMENT
STRUCTURAL SECTION
2/12/19

SECTION DETAIL LABEL



DATUM DIAGRAM

	OHW
0.46'	
0.00'	NAVD 88
1.56'	
1.56'	NGVD 29

REF: SFWMD S-25A
N.T.S.

NOTE:
ALL SCALES INDICATED PERTAIN TO FULL SIZE DRAWINGS – 22"x34"

APPROVED FOR PERMIT
REVIEWED FOR CODE COMPLIANCE
City of Miami
BUILDING DEPARTMENT
Approval of plans is for permitting purposes only, and does not imply authority to violate or cancel or set aside any of the provisions of the currently adopted technical codes, ordinances, laws or regulations, nor does approval of a permit prevent the Building Official from requiring corrections in either the plans or construction, which may have been omitted or overlooked in the review or permitting process.
BE-16015988001
04/02/21

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B-17357

CITY OF MIAMI
OFFICE OF CAPITAL IMPROVEMENTS

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Coastal, Environmental,
Civil Engineering and Management

CONSULTANTS

ISSUE	DATE	DESCRIPTION
4	12/11/18	CITY COMMENTS
3	09/05/18	CITY COMMENTS
2	08/14/18	CONSTRUCTION PLANS
1	04/02/18	PERMIT SET

PROJECT NO:	220260.10
DATUM:	NAVD
DRAWN BY:	SV
CHECKED BY:	MK

ENGINEER OF RECORD

ANDRES PEREZ
LICENSE
No. 66507
STATE OF FLORIDA
PROFESSIONAL ENGINEER
JUN 22 2018

STRUCTURAL GENERAL NOTES

S-1

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