

BM 100 22808.00 - Merritt Sawgrass Cabana Club_201905_MARRIOTT_CABANA_CLUB_2019.rvt
 BM 100 22808.00 - Merritt Sawgrass Cabana Club_201905_MARRIOTT_CABANA_CLUB_2019.rvt
 Sheet Number: S0.20
 0 THORNTON TOMASETTI, INC. 2020 PLOTTED ON: 05/22/2020 3:24:39 PM
 5/11/2020 3:24:39 PM TEMPLATE VERSION: 3.0.0.0.20170223

ARCHITECT
 HKS ARCHITECTS, INC.
 444 FORD ST.
 201 ALHAMBRA CIRCLE, SUITE 800
 CORAL GABLES, FL 33134

CIVIL ENGINEER
 KIMBLEY HORN
 12740 GRAN BAY PARKWAY WEST
 SUITE 2350
 JACKSONVILLE, FL 32258

STRUCTURAL CONSULTANT
 THORNTON TOMASETTI, INC.
 121 NE THIRD AVENUE, SUITE 1170
 FORT LAUDERDALE, FL 33301-1159
 www.ThorntonTomasetti.com • CO#047919

MEP CONSULTANT
 THOMPSON FILE
 52 TECHNOLOGY FWAY S, PEACHTREE CORNERS,
 GA 30092

KITCHEN CONSULTANT
 INNOVATIVE FOOD SERVICES
 11501 NORTH 45TH STREET, TAMPA, FL 33617

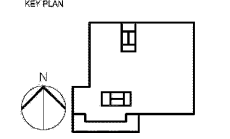
WATERPROOFING CONSULTANT
 ODC USA
 6070 Park Ln., Suite 400 Dallas, TX 75251

CODE & LIFE SAFETY CONSULTANT
 HOWE ENGINEERS
 101 LONGWATER CIR. NORWELL, MA 02061

MARRIOTT SAWGRASS CABANA CLUB

OWNER
 WATERMARK CAPITAL PARTNERS, LLC
 150 NORTH RIVERSIDE PLAZA SUITE 400
 CHICAGO, IL 60606

OWNER'S CONSULTANT
 THE JOHN HARDY GROUP INC.
 6355 SKYFIELD RD., SUITE 200
 ATLANTA, GA 30328

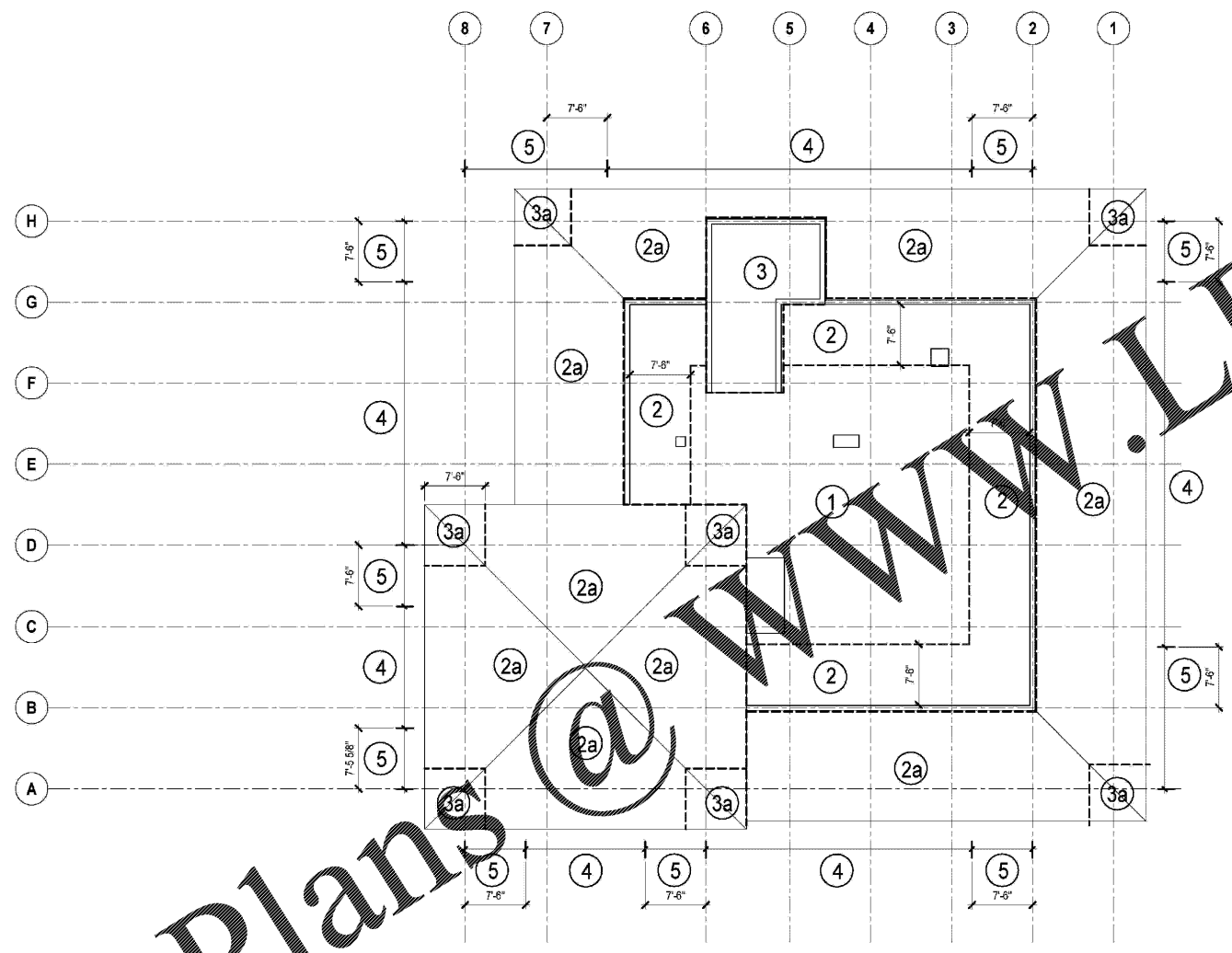


REVISION

NO.	DESCRIPTION	DATE

HKS PROJECT NUMBER
22808.001
 DATE:
05/22/2020
 ISSUE:
PERMIT SET

SHEET TITLE
**WIND CLADDING
LOAD DIAGRAMS**



COMPONENTS AND CLADDING WIND PRESSURE DIAGRAM
1/8" = 1'-0"

ROOF PRESSURES (PSF)	
ZONE	EFFECTIVE WIND AREA
	10ft² 20ft² 50ft² 100ft² 200ft²
1	+23 -22 -20 +18 +18 -57 -56 -54 -52 -52
2	+52 +50 +47 +45 +42 -96 -96 -72 -52 -52
3	+23 +22 +20 +18 +18 -144 -123 -87 -82 -82
2a	+33 +30 +26 +23 +23 -91 -84 -74 -67 -67
3a	+33 +30 +26 +23 +23 -135 -128 -114 -105 -105

WALL PRESSURES (PSF)	
ZONE	EFFECTIVE WIND AREA
	10ft² 20ft² 50ft² 100ft² 200ft²
4	+52 +50 +47 +45 +42 -57 -54 -51 -49 -47
5	+52 +50 +47 +45 +42 -70 -65 -59 -54 -50

NOTE:
 1. VALUES SHOWN REPRESENT ULTIMATE (LRFD) WIND LOADS. TO OBTAIN SERVICE LOADS, MULTIPLY VALUES BY 0.6.
 2. (-)NEGATIVE PRESSURES ACT TO PULL WALLS AWAY FROM THE BUILDING.
 3. (+)POSITIVE PRESSURES ACT TO PUSH WALLS INTO THE BUILDING.

NOTE:
 1. VALUES SHOWN REPRESENT ULTIMATE (LRFD) WIND LOADS. TO OBTAIN SERVICE LOADS, MULTIPLY VALUES BY 0.6.
 2. (-)NEGATIVE PRESSURES ACT AS UPLIFT.
 3. (+)POSITIVE PRESSURES ACT AS DOWNWARD LOAD.

2 C&C WIND PRESSURE TABLES
NOT TO SCALE

Order Plans

WWW.LDILine.com