

# LODGE EXPANSION

AN INTERIOR RENOVATION FOR:

36 S. MAGNOLIA AVE.  
OCALA, FLORIDA 34471

ROLANDO SOSA, ARCHITECT  
FL LICENSE: AR 96264

Printed copies of this document are not considered signed and sealed and are for one time use of this project in one location.

BUILDING DATA:	
AN INTERIOR RENOVATION OF AN EXISTING RESTAURANT SPACE. RENOVATION INCLUDES A NEW BAR, DINING AREA, AND KITCHEN	
WIND LOADING CRITERIA:	
FBC TABLE 1604.3(1) BASIC WINDSPEED: 130 MPH WIND EXPOSURE: B APPLICABLE INTERNAL PRESSURE COEFFICIENT: 0.18 FOR ENCLOSED STRUCTURES AND 0.95 FOR COVERED ENTRIES A+ 3'-6" (MIN. USING 40% EAVE HT.)	COMPONENT 4 CLADDING DESIGN PRESSURE LOADS. SUPPLIERS / MANUFACTURERS OF ALL GLAZING AND COMPONENTS (INCLUDING, BUT NOT LIMITED TO: SIDING, ROOFING, DOORS, WINDOWS, AWNINGS, ETC.) WILL SUBMIT REPORTS & DATA SIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF FLORIDA DOCUMENTING COMPLIANCE WITH THIS PROVISION OF THE FLORIDA BUILDING CODE, 2011 EDITION.

CHAPTER 16 STRUCTURAL DESIGN / 2011 FLORIDA BUILDING CODE - BUILDING, SIXTH EDITION  
TABLE 1604.6.2

STRUCTURE OR PART THEREOF	DESCRIPTION	C <sub>w</sub> FACTOR	Ends	Parity	Ends	Parity	
1. Main cladding, including frames and systems	Walls	1.0	Exterior	Exterior	Exterior	Exterior	
	Windward wall		Interior pressure	Interior pressure	Interior pressure	Interior pressure	
	Leeward wall		Exterior pressure	Exterior pressure	Exterior pressure	Exterior pressure	
	Roof		Interior pressure	Interior pressure	Interior pressure	Interior pressure	
	2. Components and cladding not in area of roof and overhangs	Roof elements and slopes	0.85	Exterior	Exterior	Exterior	Exterior
		Roof elements (Zone 1)		Interior pressure	Interior pressure	Interior pressure	Interior pressure
		Roof elements (Zone 2)		Exterior pressure	Exterior pressure	Exterior pressure	Exterior pressure
		Roof elements (Zone 3)		Interior pressure	Interior pressure	Interior pressure	Interior pressure

CODE REFERENCE	
APPLICABLE CODES:	
THIS PROJECT IS DESIGNED TO MEET THE REQUIREMENTS OF: FLORIDA BUILDING CODE (FBC) 6TH EDITION 2011; BUILDING FLORIDA BUILDING CODE (FBC) 6TH EDITION 2011; PLUMBING FLORIDA BUILDING CODE (FBC) 6TH EDITION 2011; MECHANICAL FLORIDA BUILDING CODE (FBC) 6TH EDITION 2011; FUEL GAS FLORIDA BUILDING CODE (FBC) 6TH EDITION 2011; ACCESSIBILITY FLORIDA FIRE PREVENTION CODE 6TH EDITION 2011; FLORIDA BUILDING CODE (FBC) 6TH EDITION 2011; ENERGY CONSERVATION CODE NATIONAL ELECTRIC CODE 2014	
PRIMARY OCCUPANCY (FBC CHAPTER 3): ASSEMBLY - GROUP A-2	
SECONDARY OCCUPANCY (FBC CHAPTER 3): ASSEMBLY - GROUP B	
TYPE OF CONSTRUCTION (FBC CHAPTER 6): TYPE III-A (PROTECTED 4 SPRINKLERED)	
RISK CATEGORY (FBC CHAPTER 16 TABLE 1604.5): RISK CATEGORY: II	
FIRE ALARM REQUIREMENTS: (FBC 907, NFPA 72) FIRE ALARM IS NOT REQUIRED IN THIS BUILDING PER APPLICABLE CODES.	
NOTE: THE BUILDING WILL REQUIRE A SPRINKLER MONITORING FIRE ALARM SYSTEM.	

MEANS OF EGRESS (FBC CHAPTER 10)	
POPULATION / OCCUPANCY LOAD (FROM TABLE 1004.1.2)	
USE (2ND FLOOR)	AREA / PERSON
UNCONCENTRATED AREA # 1 N/O FIXED SEAT	1,400 SF / 15 NET / 43 PERSONS
UNCONCENTRATED AREA # 2 N/O FIXED SEAT	430 SF / 15 NET / 29 PERSONS
BAR AREA # 1	150 SF / 15 NET / 10 PERSONS
BAR AREA # 2	80 SF / 15 NET / 5 PERSONS
<b>BLDG. TOTAL</b>	<b>2,060 SF / - / 137 PERSONS</b>

MEANS OF EGRESS (FBC CHAPTER 10)	
POPULATION / OCCUPANCY LOAD (FROM TABLE 1004.1.2)	
USE (2ND FLOOR)	AREA / PERSON
UNCONCENTRATED AREA # 1 N/O FIXED SEAT	1,400 SF / 15 NET / 43 PERSONS
UNCONCENTRATED AREA # 2 N/O FIXED SEAT	430 SF / 15 NET / 29 PERSONS
BAR AREA # 1	150 SF / 15 NET / 10 PERSONS
BAR AREA # 2	80 SF / 15 NET / 5 PERSONS
<b>BLDG. TOTAL</b>	<b>2,060 SF / - / 137 PERSONS</b>

MEANS OF EGRESS (FBC CHAPTER 10)	
POPULATION / OCCUPANCY LOAD (FROM TABLE 1004.1.2)	
USE (2ND FLOOR)	AREA / PERSON
UNCONCENTRATED AREA # 1 N/O FIXED SEAT	1,400 SF / 15 NET / 43 PERSONS
UNCONCENTRATED AREA # 2 N/O FIXED SEAT	430 SF / 15 NET / 29 PERSONS
BAR AREA # 1	150 SF / 15 NET / 10 PERSONS
BAR AREA # 2	80 SF / 15 NET / 5 PERSONS
<b>BLDG. TOTAL</b>	<b>2,060 SF / - / 137 PERSONS</b>

MEANS OF EGRESS (FBC CHAPTER 10)	
POPULATION / OCCUPANCY LOAD (FROM TABLE 1004.1.2)	
USE (2ND FLOOR)	AREA / PERSON
UNCONCENTRATED AREA # 1 N/O FIXED SEAT	1,400 SF / 15 NET / 43 PERSONS
UNCONCENTRATED AREA # 2 N/O FIXED SEAT	430 SF / 15 NET / 29 PERSONS
BAR AREA # 1	150 SF / 15 NET / 10 PERSONS
BAR AREA # 2	80 SF / 15 NET / 5 PERSONS
<b>BLDG. TOTAL</b>	<b>2,060 SF / - / 137 PERSONS</b>

MEANS OF EGRESS (FBC CHAPTER 10)	
POPULATION / OCCUPANCY LOAD (FROM TABLE 1004.1.2)	
USE (2ND FLOOR)	AREA / PERSON
UNCONCENTRATED AREA # 1 N/O FIXED SEAT	1,400 SF / 15 NET / 43 PERSONS
UNCONCENTRATED AREA # 2 N/O FIXED SEAT	430 SF / 15 NET / 29 PERSONS
BAR AREA # 1	150 SF / 15 NET / 10 PERSONS
BAR AREA # 2	80 SF / 15 NET / 5 PERSONS
<b>BLDG. TOTAL</b>	<b>2,060 SF / - / 137 PERSONS</b>

MEANS OF EGRESS (FBC CHAPTER 10)	
POPULATION / OCCUPANCY LOAD (FROM TABLE 1004.1.2)	
USE (2ND FLOOR)	AREA / PERSON
FUTURE BUSINESS SPACE	1,900 SF / 100 GROSS / 19 PERSONS
<b>BLDG. TOTAL</b>	<b>1,900 SF / - / 19 PERSONS</b>

MEANS OF EGRESS (FBC CHAPTER 10)	
POPULATION / OCCUPANCY LOAD (FROM TABLE 1004.1.2)	
USE (2ND FLOOR)	AREA / PERSON
FUTURE BUSINESS SPACE	1,900 SF / 100 GROSS / 19 PERSONS
<b>BLDG. TOTAL</b>	<b>1,900 SF / - / 19 PERSONS</b>

MEANS OF EGRESS (FBC CHAPTER 10)	
POPULATION / OCCUPANCY LOAD (FROM TABLE 1004.1.2)	
USE (2ND FLOOR)	AREA / PERSON
FUTURE BUSINESS SPACE	1,900 SF / 100 GROSS / 19 PERSONS
<b>BLDG. TOTAL</b>	<b>1,900 SF / - / 19 PERSONS</b>

MEANS OF EGRESS (FBC CHAPTER 10)	
POPULATION / OCCUPANCY LOAD (FROM TABLE 1004.1.2)	
USE (2ND FLOOR)	AREA / PERSON
FUTURE BUSINESS SPACE	1,900 SF / 100 GROSS / 19 PERSONS
<b>BLDG. TOTAL</b>	<b>1,900 SF / - / 19 PERSONS</b>

MEANS OF EGRESS (FBC CHAPTER 10)	
POPULATION / OCCUPANCY LOAD (FROM TABLE 1004.1.2)	
USE (2ND FLOOR)	AREA / PERSON
FUTURE BUSINESS SPACE	1,900 SF / 100 GROSS / 19 PERSONS
<b>BLDG. TOTAL</b>	<b>1,900 SF / - / 19 PERSONS</b>

MEANS OF EGRESS (FBC CHAPTER 10)	
POPULATION / OCCUPANCY LOAD (FROM TABLE 1004.1.2)	
USE (2ND FLOOR)	AREA / PERSON
FUTURE BUSINESS SPACE	1,900 SF / 100 GROSS / 19 PERSONS
<b>BLDG. TOTAL</b>	<b>1,900 SF / - / 19 PERSONS</b>

INDEX OF DRAWINGS	
ARCHITECTURAL	
A000	COVER, PROJECT INFORMATION
LSP100	2nd FLOOR LIFE SAFETY PLAN
LSP200	3rd FLOOR LIFE SAFETY PLAN
D100	2nd FLOOR DEMOLITION PLAN PLAN
A100	PROPOSED 2nd FLOOR PLAN
A200	PROPOSED 3rd FLOOR PLAN

INDEX OF DRAWINGS	
ARCHITECTURAL	
A000	COVER, PROJECT INFORMATION
LSP100	2nd FLOOR LIFE SAFETY PLAN
LSP200	3rd FLOOR LIFE SAFETY PLAN
D100	2nd FLOOR DEMOLITION PLAN PLAN
A100	PROPOSED 2nd FLOOR PLAN
A200	PROPOSED 3rd FLOOR PLAN

INDEX OF DRAWINGS	
ARCHITECTURAL	
A000	COVER, PROJECT INFORMATION
LSP100	2nd FLOOR LIFE SAFETY PLAN
LSP200	3rd FLOOR LIFE SAFETY PLAN
D100	2nd FLOOR DEMOLITION PLAN PLAN
A100	PROPOSED 2nd FLOOR PLAN
A200	PROPOSED 3rd FLOOR PLAN

INDEX OF DRAWINGS	
ARCHITECTURAL	
A000	COVER, PROJECT INFORMATION
LSP100	2nd FLOOR LIFE SAFETY PLAN
LSP200	3rd FLOOR LIFE SAFETY PLAN
D100	2nd FLOOR DEMOLITION PLAN PLAN
A100	PROPOSED 2nd FLOOR PLAN
A200	PROPOSED 3rd FLOOR PLAN

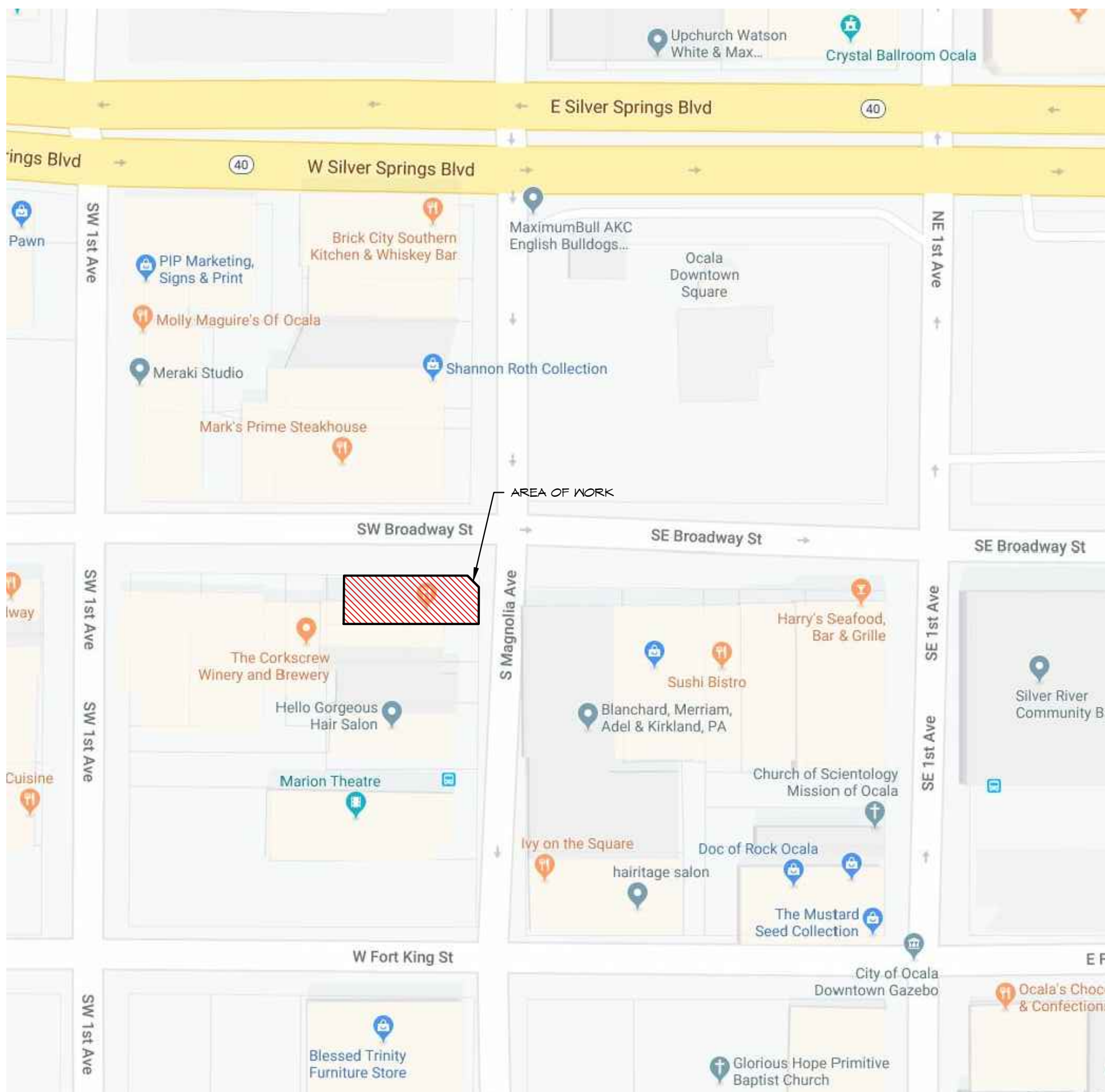
INDEX OF DRAWINGS	
ARCHITECTURAL	
A000	COVER, PROJECT INFORMATION
LSP100	2nd FLOOR LIFE SAFETY PLAN
LSP200	3rd FLOOR LIFE SAFETY PLAN
D100	2nd FLOOR DEMOLITION PLAN PLAN
A100	PROPOSED 2nd FLOOR PLAN
A200	PROPOSED 3rd FLOOR PLAN

INDEX OF DRAWINGS	
ARCHITECTURAL	
A000	COVER, PROJECT INFORMATION
LSP100	2nd FLOOR LIFE SAFETY PLAN
LSP200	3rd FLOOR LIFE SAFETY PLAN
D100	2nd FLOOR DEMOLITION PLAN PLAN
A100	PROPOSED 2nd FLOOR PLAN
A200	PROPOSED 3rd FLOOR PLAN

INDEX OF DRAWINGS	
ARCHITECTURAL	
A000	COVER, PROJECT INFORMATION
LSP100	2nd FLOOR LIFE SAFETY PLAN
LSP200	3rd FLOOR LIFE SAFETY PLAN
D100	2nd FLOOR DEMOLITION PLAN PLAN
A100	PROPOSED 2nd FLOOR PLAN
A200	PROPOSED 3rd FLOOR PLAN

INDEX OF DRAWINGS	
ARCHITECTURAL	
A000	COVER, PROJECT INFORMATION
LSP100	2nd FLOOR LIFE SAFETY PLAN
LSP200	3rd FLOOR LIFE SAFETY PLAN
D100	2nd FLOOR DEMOLITION PLAN PLAN
A100	PROPOSED 2nd FLOOR PLAN
A200	PROPOSED 3rd FLOOR PLAN

LOCATION MAP



LOCATION SITE PLAN  
N.T.S.

architecture studio  
great design shapes the future  
1823 east fort king street, suite 102, ocala, florida, 34471  
p:(352) 620-0944 f:(352) 620-0996 www.sosarchitect.com  
florida license: aa26002579 sosa@sosarchitect.com

A NEW (Renovation) FOR:  
LODGE EXPANSION  
36 S. MAGNOLIA AVENUE  
OCALA, FLORIDA

project no. 1957  
by SG date 12.23.19  
sheet no.

A000

PERMIT DOCUMENTS