

**FUTURE HOME OF:
MC'S GRILLE AND BUSINESS CENTER**

DESIGN DATA

JURISDICTION: CITY OF STUART PLANNING AND ZONING
APPLICABLE BUILDING CODES:
 2014 FLORIDA BUILDING CODE (5th ADDITION) 2014 FBC: ACCESSIBILITY (5th ADDITION)
 2014 FBC: PLUMBING (5th ADDITION) 2014 FBC: EXISTING BUILDING (5th ADDITION)
 2014 FBC: ENERGY CONSERVATION (5th ADDITION)
 2014 FBC: MECHANICAL (5th ADDITION)
 NATIONAL ELECTRIC CODE (NFPA-70)

PROJECT DATA: PROJECT ADDRESS: 432 SE MARTIN LUTHER KING JR BLVD, STUART BUILDING DESIGNED- ENCLOSED
 OWNER: MCHARDY INVESTMENTS LLC
 INTERIOR DESIGN: N/A
 STRUCTURAL ENGINEER: JOHN CRESWELL, P.E.
 CIVIL ENGINEER: JOSEPH KUSNIR, P.E.
 MECHANICAL ENGINEER: N/A
 PROJECT MANAGER: SHAUN KOGUT
 OCCUPANCY USE: BUSINESS (B) & ASSEMBLY (A-2)

APPLICABLE DESIGN DATA:
 ULTIMATE WIND SPEED: Vult=170 MPH
 NOMINAL WIND SPEED: Vnom=132 MPH
 EXPOSURE: C
 CATEGORY: II
 INTERNAL PRESSURE COEFFICIENT: +/- 0.18
 ADJUSTMENT FACTOR FOR EXPOSURE & HEIGHT: 1.29
 IMPORTANCE FACTOR: 1.0
 MEAN ROOF HEIGHT: 17'-0" A.F.F.
 ROOF PITCH: 4:12, 2:12
 COMPONENTS & CLADDING WIND PRESSURES:
 ROOF ZONE 1: -26.0 2: -36.7 3: -57.8
 WALL ZONES: DESIGN PRESSURE- 13.11 PSF
 LOADS: FLOOR: 40 PSF ROOF/DEAD: 10 PSF ROOF/LIVE: 30 PSF
 MINIMUM SOIL BEARING PRESSURE: 2500 PSF
 PRESUMPTIVE SOIL BEARING PRESSURE: 2500 PSF

2

LEGAL DESCRIPTION

PARCEL ID# 04-38-41-013-009-00010-0
 MC DONALD'S LOTS 1 & 2 BLK 9

Land Area: .2755 ACRES
Tax District: 3100
Use Code: 3300 Nightclub Bars Lounges
Map Page No: O-4B

GENERAL NOTES

- 1). DRAWINGS ARE NOT TO BE SCALED. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER ALL SCALED DIMENSIONS.
- 2). CONTRACTOR TO VERIFY ALL DIMENSIONS & ADVISE ENGINEER OF ANY DISCREPANCIES. CONSTRUCTION SHALL NOT PROCEED UNTIL SAID DISCREPANCIES HAVE BEEN RESOLVED AND APPROVED BY ENGINEER.
- 3). NO MATERIALS OR SYSTEMS ARE TO BE FABRICATED UNTIL: A. ALL DIMENSIONS HAVE BEEN VERIFIED BY THE CONTRACTOR. B. SHOP DRAWINGS HAVE BEEN REVIEWED AND ACCEPTED BY THE ENGINEER.
- 4). PLANS AS DESIGNED ARE THE SOLE PROPERTY OF GREEN DESIGN CONSTRUCTION & DEVELOPMENT, LLC AND MAY NOT BE USED OR REPRODUCED WITHOUT THE EXPRESS WRITTEN CONSENT OF GREEN DESIGN CONSTRUCTION & DEVELOPMENT, LLC OR ITS DULY AUTHORIZED REPRESENTATIVES. PLANS MAY BE PURCHASED SEPARATELY BY CONTACTING GREEN DESIGN CONSTRUCTION & DEVELOPMENT, LLC @ (863) 634 - 7428.
- 5). RENOVATE ONE (1) COMMERCIAL STRUCTURE ON EXISTING LOT IN MARTIN COUNTY, FLORIDA. STRUCTURE COMPLIES W/ FBC R301.2, AS IS "NEGLIGIBLE" TO DAMAGE FROM WEATHERING, AND IS CLASSIFIED AS "VERY HEAVY" TO DAMAGE FROM TERMITE(S).
- 6). CONTRACTOR SHALL VERIFY THAT ALL INTERIOR FINISHES COMPLY W/ FBC R302.9: Flame spread index and smoke-developed index for wall and ceiling finishes. WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD INDEX OF NOT GREATER THAN 200. WALL AND CEILING FINISHES SHALL HAVE A SMOKE-DEVELOPMENT INDEX OF NOT GREATER THAN 450. TESTING SHALL BE DONE IN ACCORDANCE WITH ASTM E 84, OR UL 723.
- 7). CONTRACTOR SHALL VERIFY THAT ALL INSULATION COMPLYS W/ FBC R302.10: Flame spread index and smoke developed index for insulation. INSULATION MATERIALS SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25 WITH AN ACCOMPANYING SMOKE-DEVELOPED INDEX NOT TO EXCEED 450.

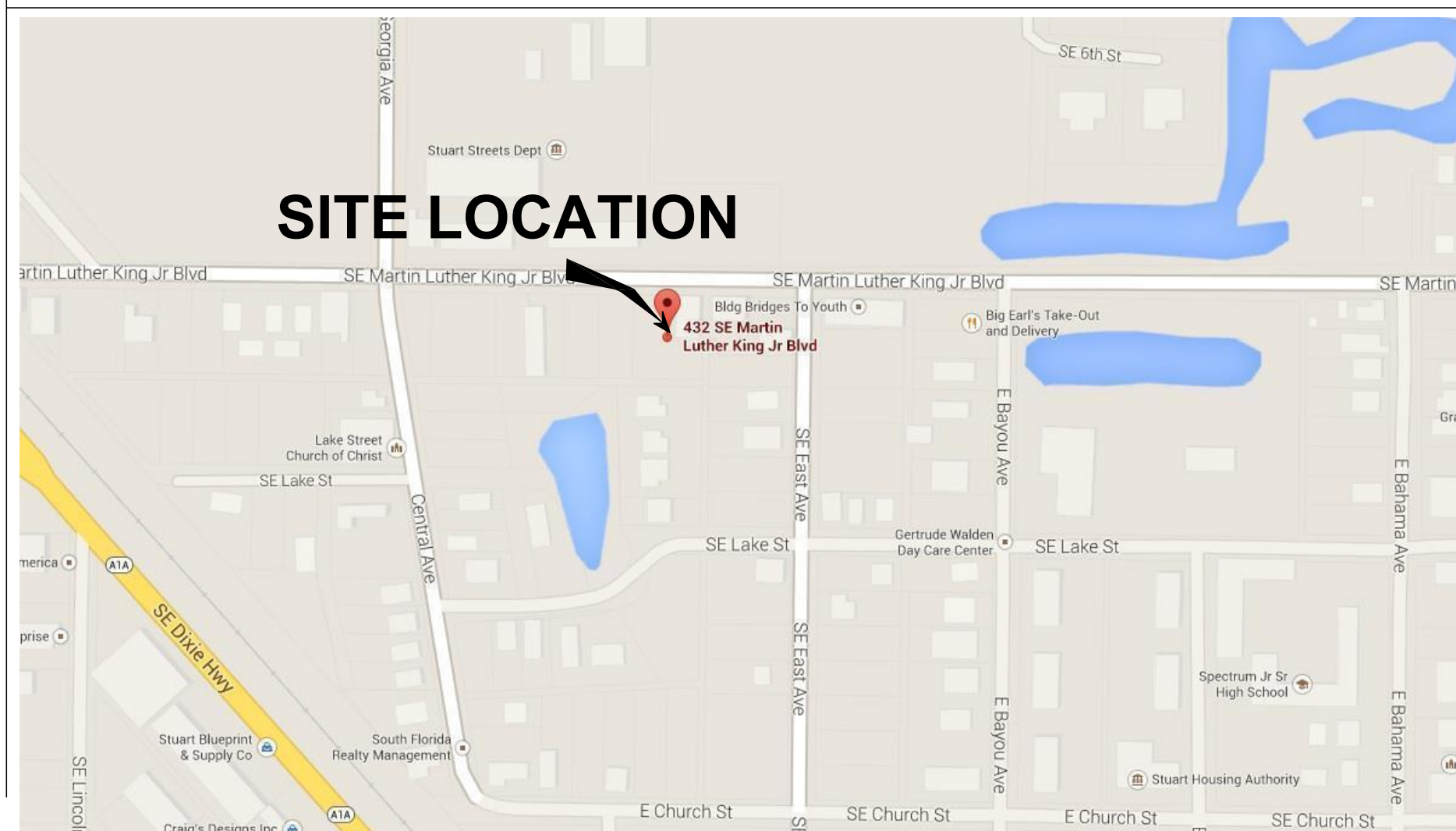
STRUCTURAL NOTES:
 1. REFER TO A-PAGES FOR WALL DETAILS, AND S-PAGES FOR FOR STRUCTURAL NOTES AND USE(S)
 2. TRUSS MANUFACTURER TO PROVIDE TRUSS ENGINEERING AND LAYOUT FOR APPROVAL PRIOR TO INSTALLATION.

MECHANICAL, ELECTRIC AND FIRE PREVENTION:
 ELECTRICAL PLANS SHALL COMPLY WITH FBC 2010 CH. 1, SECTION 106.3.5. OWNER APPROVED PLANS SHALL BE PROVIDED TO GDC FOR FINAL REVIEW AND COORDINATION WITH THE CONSTRUCTION DOCUMENTS, PRIOR TO COMMENCEMENT.

SITE MAP BUILDER CONSULTANTS



Green Design Construction and Development, LLC
 (Engineering Department)
 COA# 30250
 4459 SE Kubin Ave, Stuart Fl, 34997
 Phone: (863) 634-7428



DRAWING INDEX

SHEET CODE	SHEET DESCRIPTION	SHEET ISSUE DATE	REVISION DATE
COVER	PERSPECTIVE NOTES	04/18/2014	10/05/2015
C-1	RESERVED		
SP-1	WEST AND EAST ELEVATIONS	04/18/2014	
SP-2	NORTH AND SOUTH ELEVATIONS	04/18/2014	
A-100	ABBREVIATIONS	04/18/2014	10/05/2015
	NOTES		
	TYPICAL LEGEND		
A-1	EXISTING 1ST FLOOR PLAN	04/18/2014	
	EXISTING 2ND FLOOR PLAN		
A-1.1	EXISTING WALL SECTIONS	04/18/2014	
A-2	1ST FLOOR RENO. PLAN	04/18/2014	
	DOOR SCHEDULE		
	WINDOW SCHEDULE		
	WALL SCHEDULE		
A-3	2ND FLOOR RENO. PLAN	04/18/2014	07/17/2015
	2ND FLOOR ADA PLAN		
	2ND FLOOR ADA ELEVATIONS		
	FINISH SCHEDULE		
A-4	1ST FLOOR ADA PLAN	04/18/2014	
	ADA ELEVATIONS		
	ADA NOTES/DETAILS		
A-5	STAIR DETAILS	04/18/2014	
	STAIR CALCULATIONS/DATA		
LS-100	LIFE SAFETY REVIEW	04/18/2014	10/05/2015
LS-1	1ST AND 2ND FLOOR L.S. PLAN	04/18/2014	10/05/2015
	OCCUPANCY AND PLUMB CALCS		
S-100	STRUCTURAL NOTES	04/18/2014	
S-1	FOUNDATION PLAN	04/18/2014	
	FOUNDATION DETAILS		
S-2	SECTION DETAILS	04/18/2014	
	2-HOUR CEILING DETAIL		
	PRODUCT APPROVAL AFF.		
	MASTER RIB ROOF DETAIL		
S-3	SECTION DETAILS	04/18/2014	
	LINTEL SCHEDULE/DETAILS		
	BEAM PLAN/SCHEDULE		
S-4	SECTION DETAILS	04/18/2014	
S-5	ROOF PLAN/DETAILS	04/18/2014	
	DESIGN DATA/ROOF ZONES		
E-1	FIXTURE SCHEDULE	04/18/2014	10/05/2015
	SPECIFICATIONS		
	ELECTRICAL LEGEND		
E-2	LIGHTING PLAN	04/18/2014	
E-3	POWER PLAN	04/18/2014	
E-4	PANEL SCHEDULE A & B	04/18/2014	
	RISER DIAGRAM		
M-1	MECHANICAL NOTES	04/18/2014	10/05/2015
	LEGEND/SHEET INDEX		
M-2	MECHANICAL PLAN	04/18/2014	
	FAN SCHEDULE		
	SUPPLY/RETURN SCHEDULE		
	HVAC DETAILS		
P-1	PLUMBING NOTES	04/18/2014	10/05/2015
	PLUMBING SCHEDULE/LEGEND		
	FIXTURE SCHEDULE		
P-2	SANITARY PLAN	04/18/2014	
P-3	DOMESTIC WATER PLAN	04/18/2014	