FILE NAME: J:\...\Cover Sheet.rvt DATE & TIME: Thursday, August 29, 2024 1:04:12 PM

LIFE-SAFETY INFORMATION

APPLICABLE CODES
NFPA 101 LIFE-SAFETY CODE 2015 AND IBC 2021

OCCUPANCY TYPE(S) AND CHAPTER(S)
BUSINESS (CHAPTER 38)

MULTIPLE, MIXED, OR SEPARATE OCCUPANCY (REFERENCE CHAPTER 6)
N/A

OCCUPANT LOAD FACTOR (REFERENCE TABLE 7.3.1.2)
3,358 SF / 100 SF PER OCCUPANT = 35 OCCUPANTS

CLASSIFICATION OF HAZARD OF CONTENTS
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2; SPECIFY LOW, ORDINARY, OR HIGH)

CONSTRUCTION TYPE(S) (REFERENCE: CHAPTER3, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)
V(000)

MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)
1/3 DIAGONAL = 24'-10

MAXIMUM DEAD-END CORRIDORS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)
50'

MAXIMUM COMMON PATH OF TRAVEL DISTANCE (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)
100'

MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)
300'

*MAIN ENTRANCE MUST BE SIGNED TO ACCOMODATE 1/2 OCCUPANT LOAD OF BUILDING

EXTINGUISHMENT REQUIREMENTS	NOT SPRINKLERED
DETECTION, ALARM, AND COMMUNICATION SYSTEMS	NO
ALLOWABLE HEIGHT AND BUILDING AREA	PER IBC EQUIVALENT CONSTRUCTION TYPE

BUILDING CODE INFORMATION

APPLICABLE CODES
IBC 2021

BUSINESS GROUP B (IBC 2012 CHAPTER 13)

OCCUPANT LOAD CALCULATIONS (TABLE 1004.1.1)

BUSINESS =	3,358 SQ FT	100 SF PER OCCUPANT (GROSS)	35 OCCUPANTS

CONSTRUCTION TYPE(S) (TABLE 503)
VB (SECTION 503)

ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION

MAXIMUM HEIGHT IN STORIES (SECTION 503 & 504, TABLE 503)	3
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)	18,000

WIND SPEED DESIGN REQUIREMENTS

THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:

WIND DESIGN DATA:

DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY

WIND SPEED Vult (3 SECOND GUST) =		124 MPH (IBC FIG 1609A)	
NOMINAL DESIGN WIND SPEED Vasd =		110.9 MPH (Vult x $(0.6)^{\frac{1}{2}}$)	
RISK CATEGORY:	CATEGORY II BLDG	SURFACE ROUGHNESS =	C
TOPOGRAPHIC FACTOR =	Kzt = 2.04	EXPOSURE =	C
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):		± 0.18	

LIVE LOADS (IBC SEC 1607)

GARAGES RESTRICTED TO 9 PASSENGER VAN (IBC TABLE 1607.1):	150 PSF
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED

SNOW LOADS (IBC SEC 1608):

GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF

VICINITY MAP

CHEEKY MONKEY CARWASH

WIGGINS MISSISSIPPI

SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
C101	SITE PLAN
S101	FOUNDATION PLAN
A101	FLOOR & ROOF PLAN
A102	EXTERIOR ELEVATONS
P101	PLUMBING PLAN
M101	MECHANICAL PLAN
E101	SITE LIGHTING & POWER PLAN
E102	BUILDING ELECTRICAL PLANS
E103	ELECTRICAL EQUIPMENT AND RISER

DETAILED BUILDING REQUIREMENTS

1. THE DESIGN, FABRICATION AND ERECTION OF MWFRS STRUCTURAL STEEL FOR BUILDINGS AND STRUCTURES SHALL BE IN ACCORDANCE WITH EITHER THE AISC LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (LRFD) OR AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN (ASD).
2. THE DESIGN OF THE BUILDING ENVELOPE FOR THIS PROJECT SHALL BE DESIGNED AS OPEN BUILDING. THIS STRUCTURE SHALL MEET THE REQUIREMENTS FOR WIND LOADS SHOWN ON THIS SHEET UNDER WIND SPEED DESIGN REQUIREMENTS.
3. ROOF COVERING SHALL BE DESIGNED TO WITHSTAND THE PRESSURES DETERMINED IN ACCORDANCE WITH 2021 ASCE 7.
4. COMPONENTS AND CLADDING SHALL BE DESIGNED TO WITHSTAND THE PRESSURES DETERMINED IN ACCORDANCE WITH 2021 ASCE 7.
6. EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND-FORCE-RESISTING COMPONENT OF THIS BUILDING SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF THE WORK ON THAT COMPONENT. (IBC 1704.4)

GENERAL NOTES

1. ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
2. CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
3. THE DRAWINGS, SPECIFICATIONS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
4. DO NOT SCALE DRAWINGS. CONSULT WITH THE ARCHITECT REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
6. TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
7. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
8. CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
9. ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

BRIAN A. MISTICH
LICENSED PROFESSIONAL
ENGINEER
20971
STATE OF MISSISSIPPI

A NEW CARWASH FOR CHEEKY MONKEY CARWASH
WEST FRONTAGE DRIVE
WIGGINS, MISSISSIPPI 39577

JOB No: 2024 | DATE: 08-22-2024
DRAWN BY: GCD | CHECKED BY: BAM

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SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101