

POPEYES

LOUISIANA KITCHEN

1702 RALEIGH ROAD PKY. NW
WILSON, NORTH CAROLINA

POPEYES LOUISIANA KITCHEN, INC.
PLK1771-HP PROTOTYPE

OWNER & CONSULTANTS

OWNER
MR. CHUCK BRIGHT
7408 SIEMENS ROAD
WENDELL, NORTH CAROLINA

MECHANICAL ENGINEER
SHULTZ ENGINEERING
212 NORTH MCDOWELL STREET
SUITE 204
CHARLOTTE, NC 28204
PH. 704-334-7363
FX. 704-347-0093

ARCHITECT
ARCHITRAVE GROUP PC
157 BROAD STREET - SUITE 107
RED BANK, NJ 07701
PH. 732-212-0007
FX. 732-212-0059

PLUMBING ENGINEER
SHULTZ ENGINEERING
212 NORTH MCDOWELL STREET
SUITE 204
CHARLOTTE, NC 28204
PH. 704-334-7363
FX. 704-347-0093

CIVIL ENGINEER
COMMERCIAL SITE DESIGN
8312 CREEDMOOR ROAD
RALEIGH, NC 27613
PH. 919-398-8523
FX. 919-848-3741

ELECTRICAL ENGINEER
SHULTZ ENGINEERING
212 NORTH MCDOWELL STREET
SUITE 204
CHARLOTTE, NC 28204
PH. 704-334-7363
FX. 704-347-0093

GOVERNMENTAL AGENCIES

DEPT.: BUILDING DEPARTMENT
NAME: CITY OF WILSON
ADDRESS: 112 GOLDSBORO STREET E
WILSON, NC 27893
PHONE: 252-399-2220

DEPT.: HEALTH DEPARTMENT
NAME: WILSON COUNTY HEALTH DEPT.
ADDRESS: 1801 GLENDALE DRIVE SW
WILSON, NC 27893
PHONE: 252-237-3141

UTILITY SERVICE REQUIREMENTS

ELECTRICAL:
POWER: 208V / 3 PHASE / 4W / 800 AMPS.
TOTAL CONNECTION LOAD: 253.0 KVA TOTAL

NOTE: SEE SHEET E3 FOR BREAKDOWN OF THE ELECTRICAL SERVICE CONNECTED LOAD.

TELEPHONE:
2" CONDUIT 25 PAIR WIRE-
(OWNER REQUIREMENT)

WATER:
WATER SERVICE: 2" DIAM.
7.5 GPM

IRRIGATION:
LANDSCAPING: (VERIFY WITH OWNER
IF USED) SIZE PER ZONE - REFER TO
PLAN FOR DESIGN.

SEWER:
WASTE SERVICE: SANITARY LINE 4" DIAM.
GREASE LINE 4" DIAM.

GAS:
NATURAL GAS SERVICE :3" GAS LINE, 7' TO 8' WC
OUTLET GAS LOAD: 1,530 MBH
NOTE: SEE SHEET P3 FOR A BREAKDOWN OF THE GAS LOADS.

GENERAL NOTE: VERIFY ALL SERVICE REQS. WITH THE LOCAL UTILITY CITY AGENCIES.

CODE / PROJECT DATA

BUILDING CODE: 2018 NC - IBC
PLUMBING CODE: 2018 NC - IPC
ELECTRICAL CODE: 2017 NEC W/ NC AMENDMENTS
MECHANICAL CODE: 2018 NC - IMC
ENERGY CODE: 2018 NC - ENERGY CODE
ACCESSIBILITY CODE: 2018 NC IBC - CH 11 & ICC/ANSI A117.1
FIRE CODE: 2018 NC - IFC

OCCUPANCY CLASSIFICATION: ASSEMBLY A-2 (RESTAURANT)
BUILDING OCCUPANT LOAD: 99 BASIS (SEATING, STANDEE & EMPLOYEES)
CLASSIFICATION: TYPE VB - UNPROTECTED,
UNSPRINKLERED

BUILDING AREA CALCULATIONS

SQUARE FOOTAGE	
KITCHEN (NET)	1,344
DINING/RESTROOM (NET)	1,900
EMPLOYEE RESTROOM	
EMPLOYEE BREAK ROOM	
STORAGE (GROSS)	
TOTAL GROSS	4,213
EXTERNAL WALK-IN (GROSS)	245

EXITS
DINING AREA
DOOR #1 @ 6'-0" = 72"
DOOR #2 @ 3'-0" = 36"
KITCHEN
DOOR #3 (EXISTING) @ 4'-0" = 48"
DOOR #4 @ 3'-0" = 42"

FIXTURES REQUIRED (PER OCCUPANTS)		PROVIDED			
		MEN	WOMEN	PUBLIC	EMPLOYEE
		MEN	WOMEN	MEN	WOMEN
WC	1/75	1/75	1/75	1	1
LAV	1/200	1/200	1/200	1	1
URN				1	1

SEATING/TABLE CALCULATIONS

DINING AREA:	SEATS/TABLES	SEATS/BOOTHS	TOTAL SEATS
	16/2	84/19	80

PROJECT RESPONSIBILITY CHART

ITEM	APPLY		INSTALL	
	OWNER	GC	OWNER	GC
EQUIPMENT	•	•	•	•
SMALLWARE	•	•	•	•
EXTERIOR SIGNS (CONC., PYLON)	•	•	•	•
BLDG. SIGNS (GENERALLY TERMINATED)	•	•	•	•
DRINKING SYSTEM	•	•	•	•
CO. TANK	•	•	•	•
SECURITY SYSTEMS	•	•	•	•
DRIVE THRU SYSTEM	•	•	•	•
POINT OF SALE SYSTEM	•	•	•	•
POPEYES RADIO - MUZAK/RETAIL RADIO	•	•	•	•
TV SCREEN TV (32" MINIMUM)	•	•	•	•
METAL PACKAGE: CLEARANCE BAR, DUMPSTER GATE, RAILING, SHUTTERS, AWNINGS, INTERIOR ROOF LADDER, DRIVE-THRU WINDOW CANOPY & REAR ENCLOSURE GATE	•	•	•	•
INTERIOR ROOF LADDER	•	•	•	•
BUILDING SIGN (VERIFY WITH OWNER)	•	•	•	•
FRONT COUNTERS/SOLID SURFACES AND MATCHING BACKSPLASH	•	•	•	•
DRIVE-THRU WINDOW	•	•	•	•
RESTROOM FIXTURES & ACCESSORIES - SEE SHEET A15	•	•	•	•
HVAC SYSTEM	•	•	•	•
LIGHTING PACKAGE	•	•	•	•
ROOFING	•	•	•	•
INTERIOR DECOR/FURNITURE SUPPLIER, SEATING PACKAGE, ARTWORK, OFFICE CABINETS, WOOD WALL FRAMES, WINDOW SILLS, AND P-RING	•	•	•	•
STOREFRONT	•	•	•	•
STONE VENEER	•	•	•	•
EIFS/STUCCO	•	•	•	•
PAINT/STAINS	•	•	•	•
FRYER GREASE REMOVAL SYSTEM (VERIFY WITH OWNER)	•	•	•	•
WATER HEATER	•	•	•	•
20 GA S/S AT DRIVE THRU	•	•	•	•
S/S CEILING PANELS AND TRIM (VERIFY SIZE WITH LOCAL AUTHORITY)	•	•	•	•
MENUBOARDS (DIGITAL)	•	•	•	•
MENUBOARDS (D.T., PREVIEW BD.)	•	•	•	•
DRIVE-THRU LOOP SYSTEM	•	•	•	•
INTERIOR SIGNS	•	•	•	•
INTERIOR TILE (INTERCERAMIC)	•	•	•	•

SHEET INDEX:

SHT. NO.	DESCRIPTION	SHT. NO.	DESCRIPTION
CS-1	COVER SHEET		EQUIPMENT DRAWINGS
CS-2	APPENDIX B	K1	EQUIPMENT PLAN
BR	BIDDING REQUIREMENTS	K2A	EQUIPMENT SCHEDULE
		K2B	EQUIPMENT SCHEDULE
		K2C	EQUIPMENT SCHEDULE
		K3	EQUIPMENT DETAILS
C-1	COVER SHEET		MECHANICAL DRAWINGS
C-2	EXISTING CONDITIONS / DEMOLITION PLAN	M0	MECHANICAL SPECIFICATIONS
C-3	SITE PLAN	M1	HVAC FLOOR PLAN, NOTES AND SCHEDULES
C-4	GRADING / EROSION CONTROL PLAN	M2	HVAC NOTES AND SCHEDULES
C-5	UTILITY PLAN	M3	HVAC ROOF PLAN AND DETAILS
C-6	DETAILS	M4	HVAC ROOF DETAILS AND NOTES
C-6a	DETAILS	M5	MECHANICAL DETAILS
C-7	DETAILS	M6	HOOD DETAILS
C-8	DETAILS	M7	INTERLOCK PLAN DETAILS
C-9	LANDSCAPE PLAN	M8	FRYER HOOD DETAILS
SD-1	DETAILS	M9	CAPTIVE AIRE DETAILS
SD-2	DETAILS		PLUMBING DRAWINGS
SD-2a	DETAILS	P0	PLUMBING DATA SHEET AND SPECIFICATIONS
SD-3	DETAILS	P1	PLUMBING WASTE AND VENT PLAN
SD-4	DETAILS	P2	PLUMBING WATER AND GAS PLAN
SD-5	DETAILS	P3	PLUMBING RISER DIAGRAMS
		P4	PLUMBING SPECIFICATIONS AND DETAILS
			ELECTRICAL DRAWINGS
D1	DEMOLITION FLOOR PLAN	E0	ELECTRICAL SPECIFICATIONS
D2	DEMOLITION EXTERIOR ELEVATIONS	E1	LIGHTING PLAN
D3	DEMOLITION EXTERIOR ELEVATIONS	E2	POWER PLAN
A1	FLOOR PLAN	E2a	NCA CONTROLS PANEL
A2	FLOOR FINISH PLAN & INTERIOR FINISH SCHEDULE	E3	PANEL SCHEDULES
A3	REFLECTED CEILING PLAN	E4	P.O.S. PLAN
A4	ROOF PLAN & DETAILS	E5	SECURITY PLAN
A5	FRONT & REAR EXTERIOR ELEVATIONS		
A6	LEFT & RIGHT EXTERIOR ELEVATIONS		
A7	SPECIFICATIONS		
A8	SPECIFICATIONS		
A9	WALL SECTIONS		
A10	WALL FINISH PLAN & SIGNAGE PLAN		
A11	NOT USED		
A12	DINING ROOM ELEVATIONS		
A12a	DIGITAL MENUBOARD ELEVATIONS & DETAILS		
A12b	3D OVERVIEW DINING ROOM		
A13	KITCHEN ELEVATIONS		
A14	COOLER & COUNTER SECTIONS & DETAILS		
A15	ENLARGED RESTROOM PLAN & ELEVATION		
A16	OFFICE & MOPSINK ELEVATIONS, MISC. DETAILS		
A17	DOOR & WINDOW SCHEDULES, ELEVATIONS, & DETAILS		

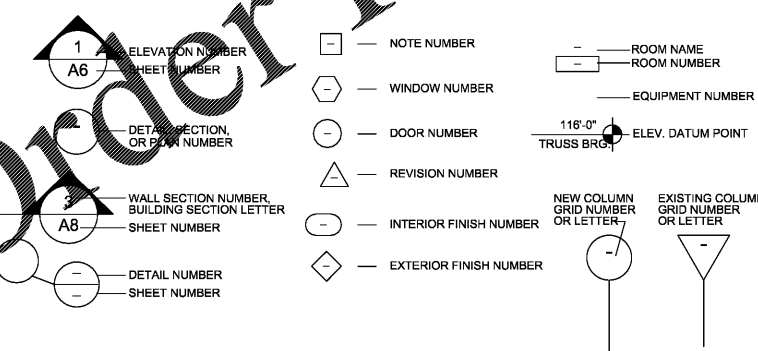
REVISION ISSUE LOG

REV #	ISSUE DATE	DESCRIPTION	AFFECTED SHEETS	REMARKS	BY
1	6/3/20	CITY OF WILSON COMMENT	A2	- INDICATED BUILDING DOOR REMOTENESS	JS
2	6/18/20	NCHHS HEALTH COMMENTS	A2,A3,P1,P2		
3					
4					
5					
6					
7					
8					
9					
10					

ABBREVIATIONS

AG AIR CONDITIONING
AFF ABOVE FINISH FLOOR
AHU AIR HANDLING UNIT
AL ALUMINUM
ASPH ASPHALT
AT ALUMINUM THRESHOLD
BD BOARD
BLKT BLANKET
CJ CONTROL JOINT
CLG CONCRETE MASONRY UNIT
CMU CONCRETE MASONRY UNIT
CONC CONCRETE
CONT CONTINUOUS
CPT CERAMIC TILE
CL CENTER LINE
DBL DOUBLE
DF DRINKING FOUNTAIN
DIA DIAMETER
DIM DIMENSION
DN DOWN
DS DOWN SPOUT
DT DRIVE THRU
EA EACH
EJ EXPANSION JOINT
ELEC ELECTRICAL
ELEV/EL ELEVATION
EQ EQUAL
EXIST EXISTING
FD FLOOR DRAIN
FE FIRE EXTINGUISHER
FF FINISH FLOOR
FR FIRE RATED
GALV GALVANIZED
GYPSO GYPSUM BOARD
HC HANDICAPPED
HDW HARDWARE
HM HOLLOW METAL
HVAC HEATING, AIR CONDITIONING, & VENT
IMC INTERNATIONAL MECHANICAL CODE
INFO INFORMATION
INSUL INSULATION
LAC LAY-IN ACOUSTICAL CEILING
MAS MASONRY
MAX MAXIMUM
MECH MECHANICAL
MFR/MFR MANUFACTURER
MIN MINIMUM
MO MASONRY OPENING
MR MIRROR/MOISTURE RESISTANT
MT MARBLE THRESHOLD
MTL METAL
NA NOT APPLICABLE
NOT IN NOT IN
NOM NOMINAL
NOT TO SCALE NOT TO SCALE
OC ON CENTER
OCB ORDER CONFIRMATION BOARD
OPP OPPOSITE
PLYWOOD PLYWOOD
PREFAB PREFABRICATED
PSF POUNDS PER SQUARE FOOT
PT PAINT / PRESSURE TREATED
QT QUARRY TILE
R RISER/RADIUS
REBAR REINFORCING BAR
REF REFERENCE
REINF REINFORCE
REQD REQUIRED
RO ROUGH OPENING
SB SPLASH BLOCK
SHLVS SHELVES
SIM SIMILAR
SPEC SPECIFICATION
SS STAINLESS STEEL

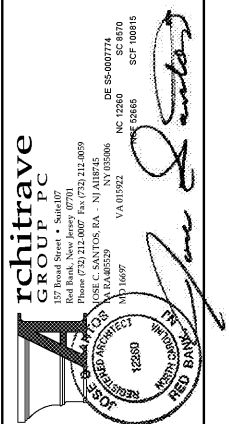
SYMBOLS / LEGEND



NOTES:
1. G.C. TO INCLUDE RESPONSIBILITIES IN THEIR BID. GC PROJECT RESPONSIBILITIES TO BE VERIFIED AND FINALIZED WITH OWNER PRIOR TO BIDDING AND AT PRE-CONSTRUCTION MEETING.
2. TYPE OF BUILDING SIGN TO BE DECIDED DURING THE PRE-CONSTRUCTION MEETING.
3. FURNITURE SUPPLIER TO INCLUDE ALL WINDOW SILLS AND WOOD CORNER GUARDS IN DINING AREA.
4. PAPER TOWELS AND SOAP REPLISHMENT ARE THE RESPONSIBILITY OF THE OWNER UNDER A SEPARATE AGREEMENT WITH A SUPPLIER.

POPEYES
588 S.W. LAMON HWY
MAMA, FLORIDA 33176

THESE DRAWINGS ARE THE PROPERTY OF ARCHITRAVE GROUP PC AND SHALL NOT BE USED OR REPRODUCED WITHOUT THE EXPRESS WRITTEN PERMISSION FROM THE OWNER.



POPEYES
1702 RALEIGH ROAD PKY NW
WILSON, NORTH CAROLINA
LOUISIANA KITCHEN PLK DESIGN STANDARDS
80 SEATS / DUAL-LINE PRODUCTION/PLK1771-DL



POPEYES

REVISIONS:
1 6/3/20 CITY WILSON COMMENT
2 6/18/20 HEALTH COMMENT

CS-1
COVER SHEET
DATE: 5/18/20
PROJECT NO: G20-05
CHECKED: JS