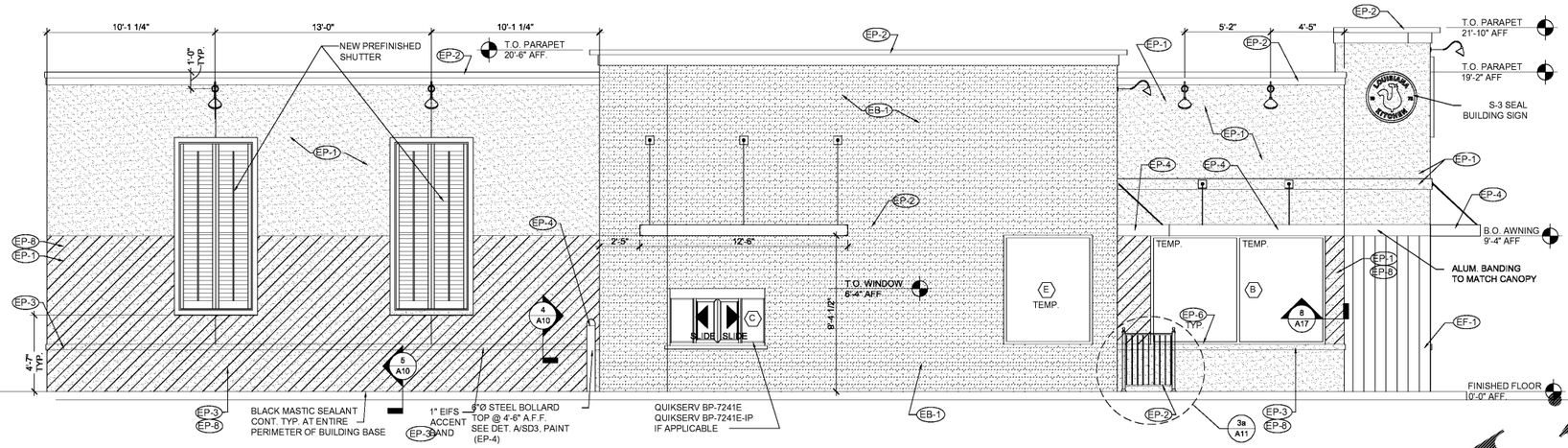
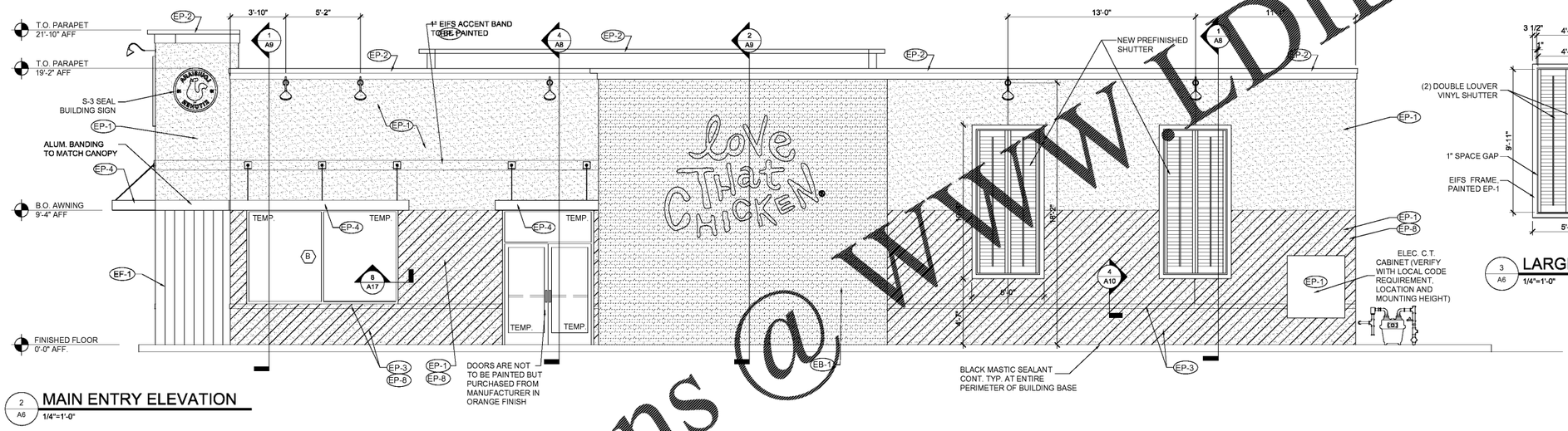


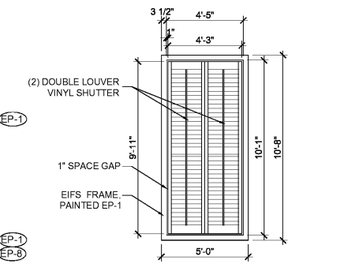
1 A6 DRIVE THRU ELEVATION

1/4"=1'-0"



2 A6 MAIN ENTRY ELEVATION

1/4"=1'-0"



3 A6 LARGE SHUTTER DIM

1/4"=1'-0"

DRIVE THRU SPECIFICATIONS

DRIVE THRU WINDOW - QUIKSERV
MODEL # BP-7241E - STANDARD INSTALLATION
MODEL # BP-7241E-IP - HIGH WIND ZONE AS DETERMINED BY THE LOCAL BUILDING CODE

GENERAL NOTES:
ACTUAL DIMENSIONS: 72" (W) x 27" (H)
ROUGH OPENING 72 1/2" (W) x 41 1/2" (H)

1) EYE SET TO BE MOUNTED DIRECTLY BELOW THE SERVICE OPENING. BAR TO BE MOUNTED ON THE WALL.
2) ANCHOR SCREWS TO BE SUPPLIED BY THE CONTRACTOR.
3) JUNCTION BOX TO BE SUPPLIED BY CONTRACTOR.

INSTALLATION:
1) QUIKSERV WINDOWS MUST BE INSTALLED LEVEL AND SQUARE TO THE STRUCTURE PROPERLY.
2) ANCHOR ACCORDING TO THE LOCAL BUILDING CODE AND MANUFACTURER'S SCHEDULE.
3) 115V/15 AMP. DEDICATED CIRCUIT FEATURE.
4) RECOMMENDED HEIGHT FROM FLOOR TO BOTTOM OF SERVICE OPENING TO BE 36" (CHECK FOR ANY LOCAL CODES OR CITY CODES).
5) SILICONE ALL EXTERIOR AND INTERIOR JOINTS.
6) ALL OTHER TYPES OF ANCHORING TO BE APPROVED BY CERTIFIED ENGINEER.

SPECIFICATIONS

SECTION TITLE
ALUMINUM - FRAMED ENTRANCES AND STOREFRONTS YKK AP PRODUCT SERIES YKK AP YES 45 FS/FI SERIES
PART 1 GENERAL
1. SECTION INCLUDES: ALUMINUM STOREFRONT, INCLUDING:
 1.1. YKK AP SERIES YES 45 FI STOREFRONT SYSTEM (INSULATING GLAZING)
1. RELATED SECTIONS:
 1.1. SINGLE SOURCE REQUIREMENT: ALL PRODUCTS LISTED BELOW SHALL BE BY THE SAME MANUFACTURER.

2. SYSTEM PERFORMANCE DESCRIPTION
 2.1. PERFORMANCE REQUIREMENTS: PROVIDE ALUMINUM STOREFRONT SYSTEMS THAT COMPLY WITH PERFORMANCE REQUIREMENTS INDICATED, AS DEMONSTRATED BY TESTING MANUFACTURER'S ASSEMBLIES IN ACCORDANCE WITH TEST METHOD INDICATED.
 2.2. AIR INFILTRATION: WHEN TESTED IN ACCORDANCE WITH ASTM E 283 AT DIFFERENTIAL STATIC PRESSURE OF 6.24 PSF (299 PA), COMPLETED STOREFRONT SYSTEMS SHALL HAVE MAXIMUM ALLOWABLE INFILTRATION OF:
  2.2.1. 0.06 CFM/FT² (1.10 M ³ /H · M²) FOR YES 45 FI SYSTEMS.
 2.3. WATER INFILTRATION: NO UNCONTROLLED WATER WHEN TESTED IN ACCORDANCE WITH ASTM E 331 AT TEST PRESSURE DIFFERENTIAL OF:
  2.3.1. 10 PSF (479 PA) FOR YES 45 FI SYSTEMS. (OR WHEN REQUIRED FIELD TESTED IN ACCORDANCE WITH AAMA 503). FASTENER HEADS MUST BE SEATED AND SEALED AGAINST SILL FLASHING ON ANY FASTENERS THAT PENETRATE THROUGH THE SILL FLASHING.
 2.4. WIND LOADS: COMPLETED STOREFRONT SYSTEM SHALL WITHSTAND WIND PRESSURE LOADS NORMAL TO WALL PLANE INDICATED.
  2.4.1. EXTERIOR WALLS:
   2.4.1.1. POSITIVE PRESSURE: PER LOCAL CODE.
   2.4.1.2. NEGATIVE PRESSURE: PER LOCAL CODE.
   2.4.1.3. INTERIOR WALLS (PRESSURE ACTING IN EITHER DIRECTION): PER LOCAL CODE.
 2.5. DEFLECTION: MAXIMUM ALLOWABLE DEFLECTION IN ANY MEMBER WHEN TESTED IN ACCORDANCE WITH ASTM E 330 WITH ALLOWABLE STRESS IN ACCORDANCE WITH AA SPECIFICATIONS FOR ALUMINUM STRUCTURES.
 2.5. DEFLECTION: MAXIMUM ALLOWABLE DEFLECTION IN ANY MEMBER WHEN TESTED IN ACCORDANCE WITH ASTM E 330 WITH ALLOWABLE STRESS IN ACCORDANCE WITH AA SPECIFICATIONS FOR ALUMINUM STRUCTURES.
 2.6. THERMAL MOVEMENT: PROVIDE FOR THERMAL MOVEMENT CAUSED BY 180 DEGREES F. (82.2 DEGREES C.) SURFACE TEMPERATURE, WITHOUT CAUSING BUCKLING STRESSES ON GLASS, JOINT SEAL FAILURE, UNDUE STRESS ON STRUCTURAL ELEMENTS, DAMAGING LOADS ON FASTENERS, REDUCTION OF PERFORMANCE, OR DETRIMENTAL EFFECTS.
 2.7. THERMAL PERFORMANCE: WHEN TESTED IN ACCORDANCE WITH AAMA 1503 AND NFRC 100:
  2.7.1. CONDENSATION RESISTANCE FACTOR (CRF): A MINIMUM OF 44 FOR YES 45 FI SYSTEMS.
  2.7.2. THERMAL TRANSMITTANCE U VALUE: 0.51 BTU/HR/FT²/°F OR LESS FOR YES 45 FI SYSTEMS.
NOTE: THE MAX PERFORMANCE FOR THE GLAZED SYSTEM AS A WHOLE WILL BE AFFECTED BY THE CHARACTERISTICS OF THE GLASS SPECIFIED.
 2.8. SUBMITTALS
  2.8.1. GENERAL: PREPARE, REVIEW, APPROVE, AND SUBMIT SPECIFIED SUBMITTALS IN ACCORDANCE WITH "CONDITIONS OF THE CONTRACT" AND DIVISION 1 SUBMITTALS SECTIONS. PRODUCT DATA, SHOP DRAWINGS, SAMPLES, AND SIMILAR SUBMITTALS ARE DEFINED IN "CONDITIONS OF THE CONTRACT."
  2.8.2. PRODUCT DATA: SUBMIT PRODUCT DATA FOR EACH TYPE STOREFRONT SERIES SPECIFIED AS REQUIRED BY THE ARCHITECT OF RECORD.
  2.8.3. SUBSTITUTIONS: WHENEVER SUBSTITUTE PRODUCTS ARE TO BE CONSIDERED, SUPPORTING TECHNICAL DATA, SAMPLES, AND TEST REPORTS MUST BE SUBMITTED TEN (10) WORKING DAYS PRIOR TO BID DATE IN ORDER TO MAKE A VALID COMPARISON.
  2.8.4. SHOP DRAWINGS: PROVIDE TO THE ARCHITECT OF RECORD IF REQUESTED. SHOP DRAWINGS SHOWING LAYOUT, PROFILES, AND PRODUCT COMPONENTS, INCLUDING ANCHORAGE, ACCESSORIES, FINISH COLORS AND TEXTURES.
  2.8.5. QUALITY ASSURANCE / CONTROL SUBMITTALS:
  2.8.5.1. TEST REPORTS: SUBMIT CERTIFIED TEST REPORTS SHOWING COMPLIANCE WITH SPECIFIED PERFORMANCE CHARACTERISTICS AND PHYSICAL PROPERTIES IF REQUIRED BY THE LOCAL PERMITTING AUTHORITY.
  2.8.6. CLOSEOUT SUBMITTALS:
  2.8.6.1. WARRANTY: SUBMIT WARRANTY DOCUMENTS SPECIFIED HEREIN.

 2.9. QUALITY ASSURANCE
  2.9.1. QUALIFICATIONS:
  2.9.1.1. INSTALLER QUALIFICATIONS: INSTALLER EXPERIENCED (AS DETERMINED BY CONTRACTOR) TO PERFORM WORK OF THIS SECTION WHO HAS SPECIALIZED IN THE INSTALLATION OF WORK SIMILAR TO THAT REQUIRED FOR THIS PROJECT. IF REQUESTED BY OWNER, SUBMIT REFERENCE LIST OF COMPLETED PROJECTS.
  2.9.2. PRE-INSTALLATION MEETINGS: CONDUCT PRE-INSTALLATION MEETING TO VERIFY PROJECT REQUIREMENTS, SUBSTRATE CONDITIONS, MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND MANUFACTURER'S WARRANTY REQUIREMENTS.
3. PROJECT CONDITIONS / SITE CONDITIONS.
 3.1. FIELD MEASUREMENTS: VERIFY ACTUAL MEASUREMENTS / OPENINGS BY FIELD MEASUREMENTS BEFORE FABRICATION; RETAIN RECORDED MEASUREMENTS ON SHOP DRAWINGS. COORDINATE FIELD MEASUREMENTS, FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID CONSTRUCTION DELAYS.
4. WARRANTY
 4.1. PROJECT WARRANTY: REFER TO "CONDITIONS OF THE CONTRACT" FOR PROJECT WARRANTY PROVISIONS.
 4.2. MANUFACTURER'S WARRANTY: SUBMIT, FOR OWNER'S ACCEPTANCE, MANUFACTURER'S STANDARD WARRANTY DOCUMENT EXECUTED BY AN AUTHORIZED COMPANY OFFICIAL.
 4.3. WARRANTY PERIOD: MANUFACTURER'S ONE (1) YEAR STANDARD WARRANTY COMMENCING ON THE SUBSTANTIAL DATE OF COMPLETION FOR THE PROJECT PROVIDED THAT THE WARRANTY, IN NO EVENT, SHALL START LATER THAN SIX (6) MONTHS FROM THE DATE OF SHIPMENT BY YKK AP AMERICA INC. EDITOR NOTE: LONGER WARRANTY PERIODS ARE AVAILABLE AT ADDITIONAL COST.
5. PART 2 PRODUCTS
 5.1. MANUFACTURERS (ACCEPTABLE MANUFACTURERS/PRODUCTS)
 5.2. ACCEPTABLE MANUFACTURERS: YKK AP AMERICA INC.
 5.3. STOREFRONT SYSTEM: YKK AP YES 45 FI STOREFRONT SYSTEM.
6. COLORS: AS SPECIFIED BY POPEYES LOUISIANA KITCHEN:

INSTALLATION
1. GENERAL: INSTALL MANUFACTURER'S SYSTEM IN ACCORDANCE WITH SHOP DRAWINGS, AND WITHIN SPECIFIED TOLERANCES.
1. PROTECT ALUMINUM MEMBERS IN CONTACT WITH MASONRY, STEEL, CONCRETE, OR DISSIMILAR MATERIALS USING NYLON PADS OR BITUMINOUS COATING.
2. SHIM AND BRACE ALUMINUM SYSTEM BEFORE ANCHORING TO STRUCTURE.
3. SHIM AND BRACE ALUMINUM SYSTEM BEFORE ANCHORING TO STRUCTURE.
4. PROVIDE SILL FLASHING AT EXTERIOR STOREFRONT SYSTEMS. EXTEND EXTRUDED FLASHING CONTINUOUS WITH SPLICE JOINTS; SET IN CONTINUOUS BEADS OF SEALANT.
5. VERIFY STOREFRONT SYSTEM ALLOWS WATER ENTERING SYSTEM TO BE COLLECTED IN GUTTERS AND WEPT TO EXTERIOR. VERIFY METAL JOINTS ARE SEALED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS.

SECTION 8D: GLAZING

GENERAL PROVISIONS

1. SCOPE: FURNISH AND INSTALL GLASS IN STOREFRONT AND

DRIVE-THRU SERVICE WINDOW.

MATERIALS

1. TYPE: SOLAR CONTROL LOW-E CLEAR INSULATING GLASS *SOLARBAN 60 (2) CLEAR + CLEAR BY VITRO ARCHITECTURAL GLASS.
 1.1. OUTDOOR LITE: CLEAR GLASS, SPUTTER COATED ON SECOND SURFACE (2)
 1.2. INDOOR LITE: CLEAR (TRANSPARENT) FLOAT GLASS.
 1.3. LOW-E COATING: *SOLARBAN® 60 SOLAR CONTROL (SPUTTERED) BY VITRO ARCHITECTURAL GLASS

LOCATION: SECOND SURFACE (2)

2 PERFORMANCE VALUES:
 2.1. VISIBLE LIGHT TRANSMITTANCE: 70%
 2.2. U-VALUE WINTER: 0.29
 2.3. U-VALUE SUMMER : 0.27
 2.4. SHGC: 0.39
 2.5. SHADING COEFFICIENT: 0.45
 2.6. OUTDOOR VISIBLE LIGHT REFLECTANCE: 11%

APPROVED MANUFACTURERS:
VITRO CERTIFIED FABRICATOR REQUIRED
CERTIFICATION: BOTH LITES TO BE CRADLE TO CRADLE CERTIFIED™, MINIMUM BRONZE LEVEL, BY CRADLE TO CRADLE PRODUCT INNOVATION INSTITUTE (WWW.C2CCERTIFIED.ORG).

OUTDOOR APPEARANCE: CLEAR
INSULATING UNIT CONSTRUCTION: 1/4" (6MM) GLASS + 1/2" (13MM) AIR SPACE + 1/4" (6MM) GLASS

POPEYES LOUISIANA KITCHEN - EXTERIOR
EXTERIOR MATERIALS & FINISH SCHEDULE (not all specs are used on every project)

12/10/19

CODE	MATERIAL	LOCATION	MANUFACTURER	DESCRIPTION		
				PRODUCT	COLOR	DIMENSION
EP-1	EXTERIOR PAINT	MAIN WALL SURFACE ABOVE WAINSCOTT ACCENT TRIM	BENJAMIN MOORE	PRIMER: PAINT:	"WHITE" OC-123 Moonlight White	
EP-2	EXTERIOR PAINT	PARAPET TRIM		PRIMER: PAINT:	"BLACK" 2130-20 Black Iron	
EP-3	EXTERIOR PAINT	WAINSCOT ACCENT TRIM AND SOFFIT		PAINT:	"SUNSET" HC-170 Stonington Gray	
EP-4	EXTERIOR PAINT	BOLLARDS, PYLON POLE AND DIRECTIONAL SIGN POLES		PRIMER: PAINT:	"RED" 2000-10 Classic Red	
EP-5	METAL CANOPY	CANOPY FRAME, SOFFIT & FASCIA		PRIMER: Pre-Engineered Metal Coil Primer 960-310 PAINT: Pre-Engineered High Performance Acrylic 965-600 Topcoat	FACTORY FINISH BLACK	
EP-6	EXTERIOR PAINT	DOWNSPOUTS & GUTTERS		PAINT:	"SUNSET" HC-170 Stonington Gray	
EP-7	EXTERIOR PAINT	DOWNSPOUTS & GUTTERS	BENJAMIN MOORE	PRIMER: Pre-Engineered Metal Coil Primer 960-310 PAINT: Pre-Engineered High Performance Acrylic 965-600	FACTORY FINISH BLACK	
EP-8	EXTERIOR PAINT	ALL DOWNSPOUTS & WALLS		PAINT: Metallic Acrylic Urethane Clear Gloss	9600 CRANBERRY SHINY SCALLOP METAL 1.00459 OR FULL PACKAGE 96000ACE	
CP-1	WOOD LOOK SIDING PANEL	EXTERIOR WALLS	ROCKWOOD	"VINTAGE WOOD"	CEDAR	
CP-1	WOOD	EXTERIOR TOWERS	DIVISION AND ORDECT SOURCE	ARCHITECTURAL URBAN SERIES	FLAGSTAFF	

CONTACT: RODGER LIPPMAN, ARCHITECTURAL ACCOUNT EXECUTIVE.
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LOUISIANA KITCHEN
POPEYES

JPL MANAGEMENT

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REVISIONS

Nelco Architecture, Inc.

PROJECT INFORMATION

BOWLING GREEN, KY

DISHMAN LANE
BOWLING GREEN, KY 42101

PROJECT #:
20.0001760.000

SHEET INFORMATION

LEFT & RIGHT EXTERIOR ELEVATIONS

DRAWN BY:
AW
REVIEWED BY:
JN
SCALE:

AUTHORIZED FOR:
Permit / Bid

A6

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