

Order Plans @

**PART 3 - EXECUTION**  
**31 INSTALLATION**  
A. GENERAL: COMPLY WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. INSTALL UNITS RIGID, STRAIGHT, LEVEL, AND PLUMB. SECURE UNITS IN POSITION WITH MANUFACTURER'S RECOMMENDED ANCHORING DEVICES.  
1. MAXIMUM CLEARANCES:  
a. PILASTERS AND PANELS: 1/2 INCH (12 MM).  
b. PANELS AND WALLS: 1 INCH (25 MM).  
2. STRIP BRACKETS: SECURE PANELS TO WALLS AND TO PILASTERS WITH NOT LESS THAN THREE BRACKETS ATTACHED AT MIDPOINT AND NEAR TOP AND BOTTOM OF PANEL.  
a. LOCATE WALL BRACKETS 60 HOLES FOR WALL ANCHORS OCCUR IN MASONRY OR TILE JOINTS.  
b. ALIGN BRACKETS AT PILASTERS WITH BRACKETS AT WALLS.  
**32 ADJUSTING**  
A. HARDWARE ADJUSTMENT: ADJUST AND LUBRICATE HARDWARE ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS FOR PROPER OPERATION. SET HINGES ON IN-SWINGING DOORS TO HOLD DOORS OPEN APPROXIMATELY 30 DEGREES FROM CLOSED POSITION WHEN UNLATCHED. SET HINGES ON OUT-SWINGING DOORS TO RETURN DOORS TO FULLY CLOSED POSITION.

**SECTION 102000 - TOILET, BATH, AND LAUNDRY ACCESSORIES**  
**PART 1 - GENERAL**  
**11 SUMMARY**  
A. THIS SECTION INCLUDES THE FOLLOWING:  
1. PUBLIC-USE WASHROOM ACCESSORIES.  
B. OWNER-FURNISHED MATERIAL: AS INDICATED ON THE DRAWINGS.  
**12 SUBMITTALS**  
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.  
B. PRODUCT SCHEDULE.  
1. IDENTIFY LOCATIONS USING ROOM DESIGNATIONS INDICATED ON DRAWINGS.  
2. IDENTIFY PRODUCTS USING DESIGNATIONS INDICATED ON DRAWINGS.

**PART 2 - PRODUCTS**  
**21 PUBLIC-USE WASHROOM ACCESSORIES**  
A. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY THE FOLLOWING:  
1. BOBBICK WASHROOM EQUIPMENT, INC.  
B. TOILET TISSUE (ROLL) DISPENSER AS INDICATED ON THE DRAWINGS.  
C. PAPER TOWEL (FOLDED) DISPENSER AS FURNISHED BY THE OWNER.  
D. WASTE RECEPTACLE AS FURNISHED BY THE OWNER.  
E. GRAB BARS AS INDICATED ON THE DRAWINGS.  
F. SANITARY-WIPKRN DISPOSAL UNIT AS INDICATED ON THE DRAWINGS.  
G. MIRROR UNIT AS INDICATED ON THE DRAWINGS.  
**22 FABRICATION**  
A. KEYS: PROVIDE UNIVERSAL KEYS FOR INTERNAL ACCESS TO ACCESSORIES FOR SERVICING AND REORDERING. PROVIDE MINIMUM OF SIX KEYS TO OWNER'S REPRESENTATIVE.

**PART 3 - EXECUTION**  
**31 INSTALLATION**  
A. INSTALL ACCESSORIES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. USING FASTENERS APPROPRIATE TO SUBSTRATE INDICATED AND RECOMMENDED BY UNIT MANUFACTURER. INSTALL STRAIGHT, LEVEL, PLUMB, AND FIRMLY ANCHORED IN LOCATIONS AND HEIGHTS INDICATED.

**SECTION 10446 - FIRE EXTINGUISHERS**  
**PART 1 - GENERAL**  
**11 SUMMARY**  
A. SECTION INCLUDES PORTABLE HAND-CARRIED FIRE EXTINGUISHERS AND MOUNTING BRACKETS FOR FIRE EXTINGUISHERS.  
**12 SUBMITTALS**  
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.  
B. OPERATION AND MAINTENANCE DATA.  
C. WARRANTY: BASED ON THE SPECIAL WARRANTY.  
**13 QUALITY ASSURANCE**  
NFPA COMPLIANCE: FABRICATE AND LABEL FIRE EXTINGUISHERS TO COMPLY WITH NFPA 10, "PORTABLE FIRE EXTINGUISHERS."  
A. FIRE EXTINGUISHERS: LISTED AND LABELED FOR TYPE, RATING, AND CLASSIFICATION BY AN INDEPENDENT TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.  
**14 WARRANTY**  
SPECIAL WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE FIRE EXTINGUISHERS THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.  
FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:  
a. FAILURE OF HYDROSTATIC TEST ACCORDING TO NFPA 10.  
b. FAULTY OPERATION OF VALVES OR RELEASE LEVER.  
2. WARRANTY PERIOD: SIX YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

**PART 2 - PRODUCTS**  
**21 PORTABLE, HAND-CARRIED FIRE EXTINGUISHERS**  
A. FIRE EXTINGUISHERS: TYPE, SIZE, AND CAPACITY FOR EACH WITH MOUNTING BRACKET.  
1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:  
a. ANSUL INCORPORATED; TYCO INTERNATIONAL LTD.  
b. J. I. INDUSTRIES, INC.; A DIVISION OF ACTIVAR CONSTRUCTION PRODUCTS GROUP.  
c. KIDDE RESIDENTIAL AND COMMERCIAL DIVISION; SUBSIDIARY OF KIDDE PLC.  
d. LARSEN'S MANUFACTURING COMPANY.  
2. INSTRUCTION LABELS: INCLUDE PICTORIAL MARKING SYSTEM COMPLYING WITH NFPA 10, APPENDIX B.  
B. MULTIPURPOSE DRY-CHEMICAL TYPE 4-A: 60-8.0, 10 LB., 43 KG. II-RATED NOMINAL CAPACITY, WITH MONOAMPHIUM PHOSPHATE-BASED DRY CHEMICAL IN MANUFACTURER'S STANDARD ENVELOPED CONTAINER.  
**22 MOUNTING BRACKETS**  
A. MOUNTING BRACKETS: MANUFACTURER'S STANDARD GALVANIZED STEEL, DESIGNED TO SECURE FIRE EXTINGUISHER TO WALL OR STRUCTURE. OF SIZES REQUIRED FOR TYPES AND CAPACITIES OF FIRE EXTINGUISHERS INDICATED, WITH FLATED OR RED BAKED-ENAMEL FINISH.  
B. IDENTIFICATION: LETTERING COMPLYING WITH AUTHORITIES HAVING JURISDICTION FOR LETTER STYLE, SIZE, SPACING, AND LOCATION. LOCATE AS INDICATED ON THE DRAWINGS.  
1. IDENTIFY BRACKET-MOUNTED FIRE EXTINGUISHERS WITH THE WORDS "FIRE EXTINGUISHER" IN RED LETTER DECALS APPLIED TO MOUNTING SURFACE.  
a. ORIENTATION: VERTICAL.

**PART 3 - EXECUTION**  
**31 INSTALLATION**  
A. EXAMINE FIRE EXTINGUISHERS FOR PROPER CHARGING AND TAGGING.  
1. REMOVE AND REPLACE DAMAGED, DEFECTIVE, OR UNDERCHARGED FIRE EXTINGUISHERS.  
B. INSTALL FIRE EXTINGUISHERS AND MOUNTING BRACKETS IN LOCATIONS INDICATED AND IN COMPLIANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.  
1. MOUNTING BRACKETS: 54 INCHES (1375 MM) ABOVE FINISHED FLOOR TO TOP OF FIRE EXTINGUISHER, OR AT HEIGHTS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.  
C. MOUNTING BRACKETS: FASTEN MOUNTING BRACKETS TO SURFACES, SQUARE AND PLUMB, AT LOCATIONS INDICATED.

**SECTION 14000 - FOODSERVICE EQUIPMENT**  
**PART 1 - GENERAL**  
**11 SUMMARY**  
A. THIS SECTION INCLUDES EQUIPMENT FOR FOODSERVICE AND RELATED EQUIPMENT INDICATED ON THE DRAWINGS.  
**12 SUBMITTALS**  
A. COORDINATION DRAWINGS: FOR FOODSERVICE FACILITIES.  
1. INDICATE LOCATIONS OF FOODSERVICE EQUIPMENT AND CONNECTIONS TO UTILITIES.  
2. KEY EQUIPMENT USING B&B DESIGNATIONS AS INDICATED ON DRAWINGS.  
3. INCLUDE PLANS AND ELEVATIONS; CLEARANCE REQUIREMENTS FOR EQUIPMENT ACCESS AND MAINTENANCE; DETAILS OF SUPPORT FOR EQUIPMENT; AND UTILITY SERVICE CHARACTERISTICS.  
**13 QUALITY ASSURANCE**  
A. NSF STANDARDS: EQUIPMENT SHALL BEAR NSF CERTIFICATION MARK OR UL CLASSIFICATION MARK CERTIFYING COMPLIANCE WITH APPLICABLE NSF/ANSI STANDARDS.  
B. UL CERTIFICATION: PROVIDE ELECTRIC AND FUEL-BURNING EQUIPMENT AND COMPONENTS THAT ARE EVALUATED BY UL FOR FIRE, ELECTRIC SHOCK, AND CASUALTY HAZARDS ACCORDING TO APPLICABLE SAFETY STANDARDS AND THAT ARE UL CERTIFIED FOR COMPLIANCE AND LABELED FOR INTENDED USE.  
C. REGULATORY REQUIREMENTS: INSTALL EQUIPMENT TO COMPLY WITH THE FOLLOWING:  
1. ASHRAE 6, "SAFETY CODE FOR MECHANICAL REFRIGERATION."  
2. NFPA 54, "NATIONAL FUEL GAS CODE."  
3. NFPA 70, "NATIONAL ELECTRICAL CODE."  
4. NFPA 96, "VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS."  
D. PREINSTALLATION CONFERENCE: CONDUCT CONFERENCE AT PROJECT SITE AT A DATE AND TIME TO BE ESTABLISHED.  
**14 PROJECT CONDITIONS**  
A. COORDINATE FOODSERVICE EQUIPMENT LAYOUT AND INSTALLATION WITH OTHER UTILITIES INCLUDING LIGHTING FIXTURES, HVAC EQUIPMENT, FIRE-SUPPRESSION SYSTEM COMPONENTS, AND UTILITY SERVICE CONNECTIONS.

**PART 2 - PRODUCTS**  
**21 DESCRIPTION OF WORK**  
A. OWNER FURNISHED EQUIPMENT IS INDICATED ON DRAWINGS AND INCLUDES THE FOLLOWING:  
1. KITCHEN PREPARATION EQUIPMENT.  
2. KITCHEN SERVING EQUIPMENT.  
3. WALK-IN COOLER AND FREEZER.  
4. EXHAUST HOOD.  
5. STORAGE SHELVING.  
6. MISCELLANEOUS KITCHEN EQUIPMENT.  
B. A SEPARATE CONTRACT WILL BE ISSUED BY THE OWNER FOR INSTALLATION OF THE DRIVE-THRU ORDER SYSTEM. CONTRACTORS SHALL ONLY INSTALL BURIED SERVICE LOOP IMPROVEMENT.  
C. A SEPARATE CONTRACT WILL BE ISSUED BY THE OWNER FOR INSTALLATION OF EXTERIOR SIGNAGE INCLUDING:  
1. ARBY'S POLE SIGN WITH NECESSARY FOUNDATION.  
2. DRIVE-THRU MENU BOARD AND DIRECTIONAL SIGNS WITH NECESSARY FOUNDATION.  
3. ARBY'S BUILDING SIGN.  
4. VEHICLE DETECTOR LIGHTS.  
5. CASH REGISTERS WITH OPERATORS.  
6. PRINTER.  
7. CABLE ASSEMBLIES.  
8. VIDEO MONITOR.  
9. PROCESSOR.  
**22 PRODUCT HANDLING**  
A. UPON DELIVERY OF THE EQUIPMENT, UNLOAD AND STORE UNTIL INSTALLATION. PROVIDE PROTECTION FROM EXPOSURE TO WEATHER AND CONTINUING CONSTRUCTION.  
**23 MISCELLANEOUS MATERIALS**  
A. INSTALLATION ACCESSORIES, GENERAL: NSF CERTIFIED FOR END-USE APPLICATION INDICATED.  
B. ELASTOMERIC JOINT SEALANT: ASTM C 920; TYPE G (SINGLE COMPONENT), GRADE NS (NON-SAG), CLASS 25, USE N1 (NONTRAFFIC) RELATED TO EXPOSURE, AND USE M, G, A, OR O AS APPLICABLE TO JOINT SUBSTRATES INDICATED.  
1. PUBLIC HEALTH AND SAFETY REQUIREMENTS:  
a. SEALANT IS CERTIFIED FOR COMPLIANCE WITH NSF STANDARDS FOR END-USE APPLICATION INDICATED.  
b. WASHED AND CURED SEALANT COMPLIES WITH THE FDA'S REGULATIONS FOR USE IN AREAS THAT COME IN CONTACT WITH FOOD.  
2. CYLINDRICAL SEALANT BACKING: ASTM C 1330, TYPE C, CLOSED-CELL POLYETHYLENE, IN DIAMETER LARGER THAN JOINT WIDTH.

**PART 3 - EXECUTION**  
**31 INSTALLATION**  
A. INSTALL FOODSERVICE EQUIPMENT LEVEL AND PLUMB, ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.  
1. CONNECT EQUIPMENT TO UTILITIES.  
2. PROVIDE CUTOUTS IN EQUIPMENT, NEATLY FORMED, WHERE REQUIRED TO RUN SERVICE LINES THROUGH EQUIPMENT TO MAKE FINAL CONNECTIONS.  
B. COMPLETE EQUIPMENT ASSEMBLY WHERE FIELD ASSEMBLY IS REQUIRED.  
1. PROVIDE CLOSED BUTT AND CONTACT JOINTS THAT DO NOT REQUIRE A FILLER.  
2. GRIND FIELD WELDS ON STAINLESS-STEEL EQUIPMENT SMOOTH, AND POLISH TO MATCH ADJACENT FINISH.  
C. INSTALL EQUIPMENT WITH ACCESS AND MAINTENANCE CLEARANCES THAT COMPLY WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.  
D. INSTALL CABINETS AND SIMILAR EQUIPMENT IN A BED OF SEALANT.  
E. INSTALL CLOSURE-TRIM STRIPS AND SIMILAR ITEMS REQUIRING FASTENERS IN A BED OF SEALANT.  
F. INSTALL JOINT SEALANT IN JOINTS BETWEEN EQUIPMENT AND ABUTTING SURFACES WITH CONTINUOUS JOINT BACKING, UNLESS OTHERWISE INDICATED. PRODUCE AIRTIGHT, WATER-TIGHT, VIBRATION-PROOF, SANITARY JOINTS.  
**32 CLEANING AND PROTECTING**  
A. AFTER COMPLETING INSTALLATION OF EQUIPMENT, REPAIR ANY DAMAGED FINISHES.  
B. CLEAN AND ADJUST EQUIPMENT AS REQUIRED TO PRODUCE READY-FOR-USE CONDITION.  
C. PROTECT EQUIPMENT FROM DAMAGE DURING REMAINDER OF THE CONSTRUCTION PERIOD.

**SECTION 14000 - ENTRANCE FLOOR MATS AND FRAMES**  
**PART 1 - GENERAL**  
**11 SUMMARY**  
A. THIS SECTION INCLUDES THE FOLLOWING:  
1. ENTRANCE MATS IN RECESSED FRAMES.  
**12 SUBMITTALS**  
A. PRODUCT DATA: FOR EACH TYPE OF FLOOR MAT AND FRAME.  
B. SHOP DRAWINGS: SHOW THE FOLLOWING:  
1. ITEMS PENETRATING FLOOR MATS AND FRAMES.  
2. DIVISIONS BETWEEN MAT SECTIONS.  
3. PERIMETER FLOOR MOLDINGS.  
C. SAMPLES: FOR EACH FLOOR MAT, TREAD RAIL, AND FRAME MEMBER.  
D. MAINTENANCE DATA.  
**13 QUALITY ASSURANCE**  
A. ACCESSIBILITY REQUIREMENTS: PROVIDE INSTALLED FLOOR MATS THAT COMPLY WITH SECTION 45 IN THE U.S. ARCHITECTURAL & TRANSPORTATION BARRIERS COMPLIANCE BOARD'S "AMERICANS WITH DISABILITIES ACT (ADA)," ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG), SECTIONS 302 AND 303 IN ICC A117.

**PART 2 - PRODUCTS**  
**21 ENTRANCE MATS**  
A. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY THE FOLLOWING:  
1. CONSTRUCTION SPECIALTIES  
B. CARPET-TYPE MATS: CARPET BONDED TO 1/8- TO 1/4-INCH (3- TO 8-MM) THICK, FLEXIBLE VINYL BACKING TO FORM MATS 3/8 OR 1/2 INCH (9.5 OR 12.5) THICK WITH NONRAVELING EDGES.  
1. COLORS, TEXTURES, AND PATTERNS: AS INDICATED ON THE DRAWINGS.  
**22 FABRICATION**  
A. FLOOR MATS: SHOP FABRICATE UNITS TO GREATEST EXTENT POSSIBLE IN SUBSTITUTED, UNLESS OTHERWISE INDICATED. PROVIDE SINGLE UNIT FOR EACH MAT INSTALLATION TO FACILITATE MANUFACTURER'S RECOMMENDED MAXIMUM SIZES FOR UNITS THAT ARE DESIGNED FOR MAINTENANCE AND CLEANING. WHERE JOINTS IN MATS ARE NECESSARY, SPACE SYMMETRICALLY AND AWAY FROM NORMAL TRAFFIC LINES. HYPER CORNER JOINTS IN FRAMING ELEMENTS WITH HINGED JOINTS OR PROVIDE PREFABRICATED CORNER UNITS WITHOUT JOINTS.  
B. RECESSED FRAMES: AS INDICATED, FOR PERMANENT RECESSED INSTALLATION. COMPLETE WITH CORNER PINS OR REINFORCEMENT AND ANCHORAGE DEVICES.  
1. FABRICATE EDGE-FRAME MEMBERS IN SINGLE LENGTHS OR WHERE FRAME DIVISIONS EXCEED MAXIMUM AVAILABLE LENGTHS, PROVIDE MINIMUM NUMBER OF PIECES POSSIBLE WITH HAIRLINE JOINTS EQUALLY SPACED AND PIECES SPICED TOGETHER WITH STRAIGHT CONNECTING PINS.  
C. COAT SURFACES OF ALUMINUM MEMBERS THAT WILL CONTACT WITH MATS WITH MANUFACTURER'S STANDARD PROTECTIVE COATING.

**PART 3 - EXECUTION**  
**31 INSTALLATION**  
A. AFTER COMPLETING FRAME INSTALLATION AND CONCRETE WORK, PROVIDE TEMPORARY FILLER OF PLYWOOD OR FIBERBOARD IN RECESSES AND COVER FRAMES WITH PLYWOOD PROTECTIVE FLOORING. MAINTAIN PROTECTION UNTIL CONSTRUCTION TRAFFIC HAS ENDED AND PROJECT IS NEAR SUBSTANTIAL COMPLETION.  
**32 PROTECTING**  
A. AFTER COMPLETING FRAME INSTALLATION AND CONCRETE WORK, PROVIDE TEMPORARY FILLER OF PLYWOOD OR FIBERBOARD IN RECESSES AND COVER FRAMES WITH PLYWOOD PROTECTIVE FLOORING. MAINTAIN PROTECTION UNTIL CONSTRUCTION TRAFFIC HAS ENDED AND PROJECT IS NEAR SUBSTANTIAL COMPLETION.

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NOT FOR CONSTRUCTION

Case No. 18-0000002  
New Building for  
ARBY'S  
Store #8149  
1058 Dunlawton Ave.  
Port Orange, Florida

Date: 08.14.18  
Project Mgr: DM  
Drawn: DC  
Job: 18-082  
Sheet  
N9