

Addendum

No. FOUR Date: 3.11.19

Project:

Cafeteria-Kitchen Expansion for
West End Elementary School for the
Etowah County Board of Education
Gadsden, Alabama

MCKEE PROJECT NO. 16-231

A4.1 GENERAL MODIFICATIONS:

The following changes and/or substitutions to the plans and specifications are hereby made a part of same and are incorporated in full force as part of the contract.

Bidders shall acknowledge receipt of this Addendum in writing on his Proposal Form.

A. Refer to the **Advertisement for Bids, Change** as follows:

The sealed proposal as described above shall be received by Dr. Robert Alan Cosby, Superintendent, at The Etowah County Board of Education, 3200 W. Meighan Blvd., Gadsden, Alabama, until **2:00 PM, Monday, March 18, 2019**, then opened and read aloud.

A4.2 SPECIFICATION MODIFICATIONS:

A. Refer to attached **Section 01011, Contingency Allowance (Revised 3.11.19)**, herein.

B. Refer to attached **Section 08211, Wood Doors**, herein.

C. Refer to attached **Section 09510, Acoustical Ceilings**, herein.

D. Refer to attached **Section 09900, Painting**, herein.

E. Delete **Section 10670, Metal Shelving**, in its entirety.

F. See Clarification as follows:

1. Delete **reference to Section 10200, Louvers**, from Table of Contents, herein.
Any louvers required in project will be covered in other specification sections of the project manual.
2. Contractor to provide and install additional Handwash Sink P-2 at "Additional Prep Area 108" as indicated on attached revised drawing Sheet A1.1 dated 3.11.19 included in this addendum. Contractor to include all required fixtures and accessories, hot and cold water lines and piping, water piping specialties, sanitary

pipng, drainage specialties, pipe insulation, hangers and supports and testing as indicated in Section 15410, Plumbing, in the project manual.

A4.3 DRAWING MODIFICATIONS:

A. See the attached Revised Drawings as follows:

Sheet A1.1 (dated 3.11.19)

END OF ADDENDUM FOUR

SECTION 01011 – CONTINGENCY ALLOWANCE (Revised 3.11.19)

The General Contractor shall include in his bid proposal the following sums:

1. **Ten Thousand Dollars (\$10,000.00)** as a contingency to cover unforeseen conditions or minor changes that are necessary to correct or supplement the work as detailed in the Contract Documents.
2. **Two Thousand Dollars (\$2,000.00)** as an allowance for material and labor cost for new flooring at existing Cooler and existing Freezer. Flooring to be selected by owner.

The Contractor shall include in his bid proposal all costs of office, job supervision, overhead, profit, and bond on this Contingency Allowance, because no such costs will be paid to Contractor for work performed under this Contingency Allowance. Only the direct costs of performing work under this provision shall be paid under and charged against the Contingency Allowance; such cost includes costs of materials and delivery, installation labor, payroll taxes and insurance, equipment expense, and the cost of subcontracted work (subcontractor's cost may include a maximum of 15% mark-up for overhead and profit).

After unknown conditions are identified and examined and the scope of work and method of repair determined, or request for a proposal to cover additional work has been issued by the Owner, the Contractor shall submit a proposal for such work to the Architect for the Owner's approval. If the Owner approves of such proposal, he will issue written authorization to the Contractor to perform the work and charge the related costs to the Contingency Allowance. At the Owner's option, work performed under this provision may be ordered done on a time and material basis, in which case; the Contractor shall keep accurate records of all time and materials used and submit such records to the Architect for his approval at the end of each day's work.

An accounting of the costs charged against this Contingency Allowance shall be mutually maintained by the Contractor, Architect, and Owner throughout the course of the project. Any of this Contingency Allowance not spent shall be credited to the Owner by Change Order at close out of the project, refer to Contingency Allowance Form attached to this Section.

Provide for payment.

The Contractor shall include a line item in the Schedule of Values entitled "Contingency Allowance". The estimated value of work completed pursuant to fully executed Contingency Allowance Authorizations may be included in the Contractor's monthly Applications for Payment. Payments under this Contingency Allowance shall not exceed the net, total of fully executed Contingency Allowance Authorizations.

CONTINGENCY ALLOWANCE AUTHORIZATION FORM

Form to be filled in its entirety.

To: McKee & Associates, Architects From: _____
Project: _____ Company _____
_____ Address _____
_____ Contact and Email _____
Project Number _____ Date: _____
Building Commission Number: _____ Authorization Number: _____

In accordance with Specification Section 01011 – CONTINGENCY ALLOWANCE, the Contractor _____ is hereby authorized to proceed with the changes in Work as are described below and is to be paid for the performance of these changes as provided in Specification Section 01011. This Authorization shall become effective when it is signed by the Contractor and the Owner’s representative and it is understood and agreed that the amount(s) stipulated below constitute full compensation for these changes in Work.

TOTAL AMOUNT OF THIS AUTHORIZATION	\$
ORIGINAL AMOUNT OF THE CONTINGENCY ALLOWANCE	\$
NET TOTAL OF PREVIOUS AUTHORIZATIONS	\$
PREVIOUS REMAINING CONTINGENCY ALLOWANCE	\$
TOTAL AMOUNT OF THIS AUTHORIZATION	\$
CONTINGENCY ALLOWANCE REMAINING AFTER THIS CONTINGENCY	\$

Recommended By:	Authorized By:	Accepted By:
_____ Architect	_____ Etowah County B.O.E.	_____ Contractor

END OF SECTION

CAFETERIA-KITCHEN EXPANSION FOR
WEST END ELEMENTARY SCHOOL FOR THE
ETOWAH COUNTY BOARD OF EDUCATION
GADSDEN, ALABAMA

CONTINGENCY ALLOWANCE
01011-2

SECTION 08211 - WOOD DOORS

PART 1 – GENERAL

RELATED DOCUMENTS:

Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 Specification sections apply to work of this section.

SUMMARY

This Section includes the following:

1. Solid core doors with wood veneer faces.
2. Factory finishing of flush wood doors.
3. Louvers for flush wood doors.

SUBMITTALS

General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections.

Product data for each type of door, including details of core and edge construction, trim for openings and louvers, and factory-finishing specifications.

Shop drawings indicating location and size of each door, elevation of each kind of door, details of construction, location and extent of hardware blocking, fire ratings, requirements for veneer matching and factory finishing and other pertinent data.

1. For factory-machined doors, indicate dimensions and locations of cutouts for locksets and other cutouts adjacent to light and louver openings.

Samples for initial selection in the form of color charts consisting of actual materials in small sections for the following:

1. Faces of factory-finished doors with transparent finish. Show the full range of colors available for stained finishes.
2. Faces of factory-finished doors with opaque finish. Show the full range of colors available.

Samples for verification in the form and size indicated below:

1. Corner sections of doors approximately 12 inches (300 mm) square with door faces and edgings representing the typical range of color and grain for each species of veneer and solid lumber required. Finish sample with same materials proposed for factory-finished doors.

QUALITY ASSURANCE

Quality Standard: Comply with the following standard:

1. NWWDA Quality Standard: I.S.1-A, "Architectural Wood Flush Doors," of the National Wood Window and Door Association.
2. AWI Quality Standard: "Architectural Woodwork Quality Standards" of the Architectural Woodwork Institute for grade of door, core, construction, finish, and other requirements.

Fire-Rated Wood Doors: Provide wood doors that comply with NFPA 80; are identical in materials and construction to units tested in door and frame assemblies per ASTM E 152; and are labeled and listed by UL, Warnock Hersey, or another testing and inspection agency acceptable to authorities having jurisdiction.

1. Oversized Fire-Rated Wood Doors: For door assemblies exceeding sizes of tested assemblies, provide manufacturer's certificate stating that doors conform to all standard construction requirements of tested and labeled fire-door assemblies except for size.
2. Temperature Rise Rating: At stairwell enclosures, provide doors that have a temperature rise rating of 450 deg F (250 deg C) maximum in 30 minutes of fire exposure.
3. Temperature Rise Rating: At stairwell enclosures, provide doors that have a temperature rise rating of 250 deg F (139 deg C) maximum in 30 minutes of fire exposure.

Single-Source Responsibility: Obtain doors from one source and by a single manufacturer.

DELIVERY, STORAGE, AND HANDLING

Protect doors during transit, storage, and handling to prevent damage, soiling, and deterioration. Comply with requirements of referenced standard and manufacturer's instructions.

1. Comply with Technical Bulletin 420-R for delivery, storage, and handling of doors.

Identify each door with individual opening numbers as designated on shop drawings, using temporary, removable, or concealed markings.

PROJECT CONDITIONS

Conditioning: Do not deliver or install doors until building is enclosed, wet work is complete, and HVAC system is operating and will maintain temperature and relative humidity at occupancy levels during the remainder of the construction period.

WARRANTY

General Warranty: Door manufacturer's warranty specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by the Contractor under requirements of the Contract Documents.

Door Manufacturer's Warranty: Submit written agreement on door manufacturer's standard form signed by manufacturer, Installer, and Contractor, agreeing to repair or replace defective doors that have warped (bow, cup, or twist) more than 1/4 inch (6.35 mm) in a 42-by-84-inch (1067-by-

2134-mm) section or that show telegraphing of core construction in face veneers exceeding 0.01 inch in a 3-inch (0.25 mm in a 75-mm) span, or do not conform to tolerance limitations of referenced quality standards.

1. Warranty shall also include installation and finishing that may be required due to repair or replacement of defective doors where defect was not apparent prior to hanging.
2. Warranty shall be in effect during the following period of time after date of Substantial Completion.
 - a. Solid Core Interior Doors: Life of installation.

PART 1 – PRODUCTS

MANUFACTURERS

Available Manufacturers: Subject to compliance with requirements, manufacturers offering doors that may be incorporated in the Work (No other Manufacturer to be used unless prior approved by addenda)

Manufacturer: Subject to compliance with requirements, provide doors by one of the following:

1. Eggers Industries
2. Chappell Door Company
3. Haley Brothers, Inc.

INTERIOR FLUSH WOOD DOORS

Solid Core Doors for Transparent Finish: Comply with the following requirements:

1. Faces: Plain Sliced White Birch, Book/Run Matching
2. Grade: Premium "A"
3. Construction: 5 ply, Hot Pressed
4. Core: Particleboard Core to meet or exceed ANSI/A208.1 for 1-LD-1 or 1-LD-2 door core
5. Bonding: Stiles and rails bonded to core, then entire unit abrasive planed before veneering.
6. Pair Matching: Required at all pairs of doors.

Fire-Rated Solid Core Doors: Comply with the following requirements:

1. Faces and Grade: Provide faces and grade to match non-fire-rated doors in same area of building, unless otherwise indicated.
2. Construction: Manufacturer's standard core construction as required to provide fire-resistance rating indicated.
3. dge Construction: Provide manufacturer's standard laminated-edge construction for improved screw-holding capability and split resistance compatible hardwood
4. Pairs: Furnish formed-steel edges and astragals for pairs of fire-rated doors, unless otherwise indicated.
5. Pairs: Provide fire-rated pairs with fire-retardant stiles that are labeled and listed for kinds of applications indicated without formed-steel edges and astragals.

FABRICATION

Fabricate flush wood doors to comply with following requirements:

1. In sizes indicated for job-site fitting.
2. Factory fit doors to suit frame-opening sizes indicated, with the following uniform clearances and bevels:
 - a. Comply with clearance requirements of referenced quality standard for fitting. Comply with requirements of NFPA 80 for fire-resistance-rated doors.
3. Factory machine doors for hardware that is not surface applied. Locate hardware to comply with DHI-WDHS-3. Comply with final hardware schedules, door frame shop drawings, DHI A115-W series standards, and hardware templates.
 - a. Coordinate measurements of hardware mortises in metal frames to verify dimensions and alignment before proceeding with factory machining.
 - b. Metal Astragals: Pre-machine astragals and formed-steel edges for hardware for pairs of fire-rated doors.

Openings: Cut and trim openings through doors to comply with applicable requirements of referenced standards for kind(s) of door(s) required.

1. Light Openings: Trim openings with moldings of material and profile indicated.
2. Louvers: Factory install louvers in prepared openings.

SHOP PRIMING

Transparent Finish: Shop-seal faces and edges of doors for transparent finish with stain (if required), other required pretreatments, and first coat of finish as specified.

FACTORY FINISHING

General: Comply with referenced quality standard's requirements for factory finishing.

Finish wood doors at factory.

Transparent Finish: Comply with requirements indicated for grade, finish system, staining effect, and sheen.

1. Grade: Premium.
2. Finish: AWI System TR-6 or better in Factory standard color as directed by the Architect.

PART 2 – EXECUTION

EXAMINATION

Examine installed door frames prior to hanging door:

1. Verify that frames comply with indicated requirements for type, size, location, and swing characteristics and have been installed with plumb jambs and level heads.

2. Reject doors with defects.

Do not proceed with installation until unsatisfactory conditions have been corrected.

INSTALLATION

Hardware: For installation see Division 8 Section "Door Hardware."

Manufacturer's Instructions: Install wood doors to comply with manufacturer's instructions and referenced quality standard and as indicated.

1. Install fire-rated doors in corresponding fire-rated frames according to requirements of NFPA 80.

Job-Fit Doors: Align and fit doors in frames with uniform clearances and bevels as indicated below; do not trim stiles and rails in excess of limits set by manufacturer or permitted with fire-rated doors. Machine doors for hardware. Seal cut surfaces after fitting and machining.

1. Fitting Clearances for Non-Fire-Rated Doors: Provide 1/8 inch (3.2 mm) at jambs and heads, 1/16 inch (1.6 mm) per leaf at meeting stiles for pairs of doors, and 1/8 inch (3.2 mm) from bottom of door to top of decorative floor finish or covering. Where threshold is shown or scheduled, provide 1/4-inch (6.4-mm) clearance from bottom of door to top of threshold.
2. Fitting Clearances for Fire-Rated Doors: Comply with NFPA 80.
3. Bevel non-fire-rated doors 1/8 inch in 2 inches (3-1/2 degrees) at lock and hinge edges.
4. Bevel fire-rated doors 1/8 inch in 2 inches (3-1/2 degrees) on lock edge; trim stiles and rails only to extent permitted by labeling agency.

Factory-Fitted Doors: Align in frames for uniform clearance at each edge.

Factory-Finished Doors: Restore finish after installation, if fitting or machining is required at the job site.

ADJUSTING AND PROTECTION

Operation: Re-hang or replace doors that do not swing or operate freely.

Finished Doors: Refinish or replace doors damaged during installation.

Protect doors as recommended by door manufacturer to ensure that wood doors will be without damage or deterioration at the time of Substantial Completion.

END OF SECTION

SECTION 09510 - ACOUSTICAL CEILINGS

PART 1 – GENERAL

RELATED DOCUMENTS:

Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections apply to work of this section.

SUMMARY:

Extent of acoustical ceilings specified in this section include the following:

1. Acoustical lay-in panel ceilings in an exposed suspended metal grid system.

SUBMITTALS:

Product Data: Submit manufacturer's technical data for each type of acoustical ceiling unit and suspension system required.

1. Full size sample of each acoustical panel type, pattern and color.
2. Set of 12" long samples of exposed runners and moldings for each color and system type required.

Certificates: Submit certificates from manufacturers of acoustical ceiling units and suspension systems attesting that their products comply with specification requirements.

QUALITY ASSURANCE:

Fire Performance Characteristics: Provide acoustical ceiling components that are identical to those tested for the following fire performance characteristics, according to ASTM test method indicated, by UL or other testing and inspecting agency acceptable to authorities having jurisdiction. Identify acoustical ceiling components with appropriate marking of applicable testing and inspecting agency.

1. Surface Burning Characteristics: As follows, tested per ASTM E 84.
2. Flame Spread: 25 or less.
3. Smoke Developed: 50 or less.

Fire Resistance Ratings: As indicated by reference to design designation in UL "Fire Resistance Directory" for floor, roof or beam assemblies in which acoustical ceilings function as a fire protective membrane; tested per ASTM E 119. Provide protection materials for lighting fixtures and air ducts to comply with requirements indicated for rated assembly.

Coordination of Work: Coordinate layout and installation of acoustical ceiling units and suspension system components with other work supported by, or penetrating through, ceilings, including light fixtures, HVAC equipment, fire-suppression system components (if any), and partition system (if any).

Single-Source Responsibility: Provide acoustical panel units and grid components by a single manufacturer.

DELIVERY, STORAGE AND HANDLING:

Deliver acoustical ceiling units to project site in original, unopened packages and store them in a fully enclosed space where they will be protected against damage from moisture, direct sunlight, surface contamination or other causes.

Before installing acoustical ceiling units, permit them to reach room temperature and a stabilized moisture content.

Handle acoustical ceiling units carefully to avoid chipping edges or damaging units in any way.

PROJECT CONDITIONS:

Space Enclosures: Do not install interior acoustical ceilings until space is enclosed and weatherproof, wet-work in space is completed and nominally dry, work above ceilings is complete and ambient conditions of temperature and humidity will be continuously maintained at values near those indicated for final occupancy.

PART 2 – PRODUCTS

MANUFACTURERS:

The following manufacturers' products have been used to establish minimum standards for materials, workmanship and function:

1. Georgia-Pacific Corporation
2. Gold Bond Division of National Gypsum Company
3. United States Gypsum Co.
4. BPB America, Inc.
5. Armstrong World Industries
6. Equal products of other manufacturers may be used in the work provide such products have been approved, by the Architect, not less than Ten (10) days prior to scheduled bid opening.

GENERAL ACOUSTICAL CEILING TILE UNITS

Standard for Acoustical Ceiling Tile Units: Provide manufacturer's standard units of configuration indicated which are prepared for mounting method designated and which comply with FS SS-S-118 requirements, including those indicated by reference to type, form, pattern, grade (NRC or NIC' as applicable), light reflectance coefficient (LR), edge detail, and joint detail (if any).

1. Mounting Method for Measuring NRC: No. 7 (mechanically mounted on special metal support), FS SS-S-118; or Type E-400 mounting as per ASTM E 795.

Sound Attenuation Performance: Provide acoustical ceiling units with ratings for ceiling sound transmission class (STC) of range indicated as determined according to AMA 1-II "Ceiling Sound Transmission Test by Two-Room Method" with ceilings continuous at partitions and supported by a metal suspension system of type appropriate for ceiling unit of configuration indicated (concealed for tile, exposed for panels).

Colors, Textures and Patterns: Provide products to match appearance characteristics indicated or, if not otherwise indicated, as selected by Architect from manufacturer's standard colors, surface textures, and patterns available for acoustical ceiling units and exposed metal suspension system members of quality designated.

ACOUSTICAL TILES

A. Acoustical Panel Type: Vinyl Covered Ceiling Panels

1. USG "Clean Room" Acoustical Panels
2. Classification: Provide ceiling panels complying with ASTM E 1264 for type, form and pattern as follows:
 - a. Type X, mineral based with membrane faced overlay. Vinyl face and back covered gypsum ceiling panels.
3. Pattern: To be selected by architect during submittal stage of project.
4. Size:
 - a. 24" x 24" x 5/8" (unless otherwise indicated on drawings)
5. Edge Profile:
 - a. Square
6. Color: White
7. ClimaPlus™ 30 year limited system warranty. Contains a broad spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag resistance performance.
8. Suspension Grid/Width: USG Donn ZXLA; 15/16".

GENERAL METAL SUSPENSION SYSTEMS

Standard for Metal Suspension Systems: Provide metal suspension systems of type, structural classification and finish indicated which comply with applicable STM C 635 requirements.

Finishes and Colors: Provide manufacturer's standard factory applied finish for type of system indicated. For exposed suspension members and accessories with painted finish, provide color indicated or, if not otherwise indicated, as selected by Architect from manufacturer's full range of standard colors.

1. White.

Attachment Devices: Size for 5 times design load indicated in ASTM C 635, Table 1, Direct Hung.

Hanger Wire: Galvanized carbon steel wire, ASTM A 641, soft temper, prestretched, Class 1 coating, sized so that stress at 3- times hanger design load (ASTM C 635, Table 1, Direct Hung), will be less than yield stress of wire, but provide not less than 12 gage.

Edge Moldings and Trim: Formed steel section; exposed surfaces prefinished to match suspension system components.

1. Provide shadow molding for edges equal to MS174; 9/16" thick exposed flange; 3/8" x 3/8" reveal; 7/8" vertical flange.
3. At penetrations of ceiling install manufacturer's standard molding which fits with type of edge detail and suspension system indicated.
4. For circular penetrations of ceiling, provide edge moldings fabricated to diameter required to fit penetration exactly.

Hold-Down/Impact Clips: Where indicated provide manufacturer's standard impact clip system design to absorb impact forces against lay-in panels. Install hold down clips at all ceiling panels within 10'-0" of and exterior door.

METAL SUSPENSION SYSTEMS

A. USG Donn Brand ZXLA 15/16" Acoustical Suspension System

1. Double-web design; Intermediate Duty as defined by ASTM C635. Bottom face with 15/16" (24mm) exposed flange with pre-painted aluminum cap; cross tee holes and hanger wire holes at 6 in oc; integral reversible splices, commercial quality pretreated and painted, exposed surfaces prefinished in manufacturer's enhanced corrosion resistant polyester paint finish. Cross tees; roll-formed into double-web design with rectangular bulb; 15/16 (24mm) in exposed flange with pre-painted aluminum cap; Stainless Steel clips clenched to the web Main tees and cross tees shall be positively locked yet shall be removable without the use of tools.
2. Structural Classification: Intermediate Duty.
3. Tee Profile: 15/16" (24mm) wide.
4. Color: White

SEALANT

Acoustical Sealant: Resilient, non-staining, non-shrinking, non-hardening, non-skinning, non-drying, non-sag sealant intended for interior sealing of concealed construction joints.

Manufacturers: The following manufacturers' products have been used to establish minimum standards for materials, workmanship and function:

1. BA-98; Pecora Corp.
2. Tremco Acoustical Sealant; Tremco
3. Equal products of other manufacturers may be used in the work provided such products have been approved by the Architect, not less than Ten (10) days prior to schedule bid opening.

PART 3 – EXECUTION

PREPARATION:

Coordination: Furnish layouts for inserts, clips, or other supports required to be installed by other trades for support of acoustical ceilings.

1. Furnish concrete inserts and similar devices to other trades for installation well in advance of time needed for coordination of other work.

Measure each ceiling area and establish layout of acoustical units to balance border widths at opposite edges of each ceiling. Coordinate ceiling layout with lighting layout. Avoid use of less-than-half width units at borders, and comply with reflected ceiling plans.

INSTALLATION:

General: Install materials in accordance with manufacturer's printed instructions, and to comply with governing regulations, fire-resistance rating requirements as indicated, and Cisca standards applicable to work.

Arrange acoustical units and orient directionally-patterned units (if any) in manner shown by reflected ceiling plans.

Install suspension systems to comply with ASTM C 636, with hangers supported only from building structural members. Locate hangers within 6" inches from each end and spaced 4'-0" along each carrying channel or direct-hung runner, unless otherwise indicated, leveling to tolerance of 1/8" in 12'-0".

Secure wire hangers by looping and wire-tying, either directly to structures or to inserts, eye-screws, or other devices which are secure and appropriate for substrate, and which will not deteriorate or fail with age or elevated temperature.

Install hangers plumb and free from contact with insulation or other objects within ceiling plenum which are not part of supporting structural or ceiling suspension system. Splay hangers only where required to miss obstructions and offset resulting horizontal force by bracing, counter-splaying or other equally effective means.

Install edge moldings of type indicated at perimeter of acoustical ceiling area and at locations where necessary to conceal edges of acoustical units.

Sealant Bed: Apply continuous ribbon of acoustical sealant, concealed on back of vertical leg before installing moldings.

Screw-attached moldings to substrate at intervals not over 16" o.c. and not more than 3" from ends, leveling with ceiling suspension system to tolerance of 1/8" in 12'-0". Miter corners accurately and connect securely.

Install acoustical panels in coordination with suspension system with edges concealed

by support of suspension members. Scribe and cut panels to fit accurately at borders and at penetrations.

Install hold-down clips on panels, within 10'-0" of exterior door openings, where panels are other than horizontal, and in areas where required by governing regulations or for fire-resistance ratings; space as recommended by panel manufacturer, unless otherwise indicated or required.

EXTRA STOCK:

Deliver stock of maintenance materials to Owner. Furnish maintenance materials from same manufactured lot as materials installed and enclosed in protective packaging with appropriate identifying labels.

1. Ceiling Tile: Furnish not less than one box for each type, color, pattern and size installed.

END OF SECTION

SECTION 09900 – PAINTING

PART 1 - GENERAL

RELATED DOCUMENTS:

Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 Specification sections apply to work of this section.

DESCRIPTION OF WORK:

Extent of painting work is indicated on drawings and schedules, and as herein specified including accent painting.

Work includes painting and finishing of interior and exterior exposed items and surfaces throughout project, except as otherwise indicated.

1. Surface preparation, priming and coats of paint specified are in addition to shop-priming and surface treatments specified under other sections of work.

Work includes field painting of exposed bare and covered pipes and ducts (including color coding), and of hangers, exposed steel and iron work, and primed metal surfaces of equipment installed under mechanical and electrical work, except as otherwise indicated.

"Paint" as used herein means all coating systems materials, including primers, emulsions, enamels, stains, sealers and fillers, and other applied materials whether used as prime, intermediate or finish coats.

Surfaces to be Painted: Except where natural finish of material is specifically noted as a surface not to be painted, paint exposed surfaces whether or not colors are designated in "schedules". Where items or surfaces are not specifically mentioned, paint the same as similar adjacent materials or areas. If color or finish is not designated, Architect will select these from standard colors or finishes available.

Following categories of work are not included as part of field-applied finish work.

1. Pre-Finished Items: Unless otherwise indicated, do not include painting when factory-finishing or installer finishing is specified for such items as (but not limited to) metal toilet enclosures, prefinished partition systems, acoustic materials, elevator entrance doors and frames, elevator equipment, and finished mechanical and electrical equipment, including light fixtures, switchgear and distribution cabinets.
2. Concealed Surfaces: Unless otherwise indicated, painting is not required on surfaces such as walls or ceilings in concealed areas and generally inaccessible areas, foundation spaces, furred areas, utility tunnels, pipe spaces, duct shafts and elevator shafts.
3. Finished Metal Surfaces: Unless otherwise indicated, metal surfaces of anodized aluminum, stainless steel, chromium plate, copper, bronze and similar finished materials will not require finish painting.

4. Operating Parts: Unless otherwise indicated, moving parts of operating units, mechanical and electrical parts, such as valve and damper operators, linkages, sinkages, sensing devices, motor and fan shafts will not require finish painting.

Following categories of work are included under other sections of these specifications.

1. Shop Priming: Unless otherwise specified, shop priming of ferrous metal items is included under various sections for structural steel, metal fabrications, hollow metal work and similar items.
2. Unless otherwise specified, shop priming of fabricated components such as shop-fabricated or factory-built mechanical and electrical equipment or accessories is included under other sections of these specifications.

Do not paint over any code-required labels, such as Underwriters' Laboratories and Factory Mutual, or any equipment identification, performance rating, name, or nomenclature plates.

QUALITY ASSURANCE:

Single Source Responsibility: Provide primers and other undercoat paint produced by same manufacturer as finish coats. Use only thinners approved by paint manufacturer, and use only within recommended limits.

Coordination of Work: Review other sections of these specifications in which prime paints are to be provided to ensure compatibility of total coatings system for various substrates. Upon request from other trades, furnish information or characteristics of finish materials provided for use, to ensure compatible prime coats are used.

SUBMITTALS:

Product Data: Submit manufacturer's technical information including paint label analysis and application instructions for each material proposed for use.

Samples: Prior to beginning work, Architect will furnish color chips for surfaces to be painted. Use representative colors when preparing samples for review. Submit samples for Architect's re- view of color and texture only.

Provide a listing of material and application for each coat of each finish sample. Provide a 4' x 4' sample application of each color paint for Architect's approval prior to final ordering of product. Sample application shall be applied in an inconspicuous place, satisfactory to the Architect.

DELIVERY AND STORAGE:

Deliver materials to job site in original, new and unopened packages and containers bearing manufacturer's name and label, and following information:

1. Name or title of material.
2. Fed. Spec. number, if applicable.
3. Manufacturer's stock number and date of manufacturer.

4. Manufacturer's name.
5. Contents by volume, for major pigment and vehicle constituents.
6. Thinning instructions.
7. Application instructions.
8. Color name and number.

Store materials not in actual use in tightly covered containers. Maintain containers used in storage of paint in a clean condition, free of foreign materials and residue.

1. Protect from freezing where necessary. Keep storage area neat and orderly. Remove oily rags and waste daily. Take all precautions to ensure that workmen and work areas are adequately protected from fire hazards and health hazards resulting from handling, mixing and application of paints.

JOB CONDITIONS:

Apply water-base paints only when temperature of surfaces to be painted and surrounding air temperatures are between 50 degree F and 90 degrees F, unless otherwise permitted by paint manufacturer's printed instructions.

Apply solvent-thinned paints only when temperature of surfaces to be painted and surrounding air temperatures are between 45 degree F and 95 degree F, unless otherwise permitted by paint manufacturer's printed instructions.

Do not apply paint in snow, rain, fog or mist, or when relative humidity exceeds 85% or to damp or wet surfaces, unless otherwise permitted by paint manufacturer's printed instructions.

1. Painting may be continued during inclement weather if areas and surfaces to be painted are enclosed and heated within temperature limits specified by paint manufacturer during application and drying periods.

PART 2 – PRODUCTS

Manufacturers: The following manufacturers' are listed as acceptable substitutions to the establish minimum standards. Sherwin Williams Products are listed as the standard of product performance and quality.

1. Sherwin Williams Paint Company (SW)
2. Benjamin Moore and Co. (Moore).
3. Pittsburgh Paints (PPG).

Equal products of other manufacturers may be used in the work, provided such products have been approved by the Architect, not less than Ten (10) days prior to scheduled bid opening.

MATERIALS:

Material Quality: Provide best quality grade of various types of coatings as regularly manufactured by acceptable paint materials manufacturers. Materials not displaying

manufacturer's identification as a standard, best-grade product will not be acceptable.

1. Proprietary names used to designate colors or materials are not intended to imply that products of named manufacturers are required to exclusion of equivalent products of other manufacturers.
2. Federal Specifications establish minimum acceptable quality for paint materials. Provide written certification from paint manufacturer that materials provided meet or exceed these minimums.
3. Manufacturer's products which comply with coating qualitative requirements of applicable Federal Specifications, yet differ in quantitative requirements, may be considered for use when acceptable to Architect. Furnish material data and manufacturer's certificate of performance to Architect for any proposed substitutions.

Color Pigments: Pure, non-fading, applicable types to suit substrates and service indicated.

PART 3 – EXECUTION

INSPECTION:

Applicator must examine areas and conditions under which painting work is to be applied and notify Contractor in writing of conditions detrimental to proper and timely completion of work. Do not proceed with work until unsatisfactory conditions have been corrected in a manner acceptable to Applicator. If work is begun before satisfactory conditions are met, then it shall be the Applicators' responsibility for the finish surfaces conditions.

Starting of painting work will be construed as Applicator's acceptance of surfaces and conditions within any particular area.

Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions otherwise detrimental to formation of a durable paint film.

SURFACE PREPARATION:

General: Perform preparation and cleaning procedures in accordance with paint manufacturer's instructions and as herein specified, for each particular substrate condition.

1. Provide barrier coats over incompatible primers or remove and reprime as required. Notify Architect in writing of any anticipated problems in using the specified coating systems with substrates primed by others.
2. Remove hardware, hardware accessories, machined surfaces, plates, lighting fixtures, and similar items in place and not to be finish-painted, or provide surface-applied protection prior to surface preparation and painting operations. Remove, if necessary, for complete painting of items and adjacent surfaces. Following completion of painting of each space or area, reinstall removed items.
3. Clean surfaces to be painted before applying paint or surface treatments. Remove oil and grease prior to mechanical cleaning. Program cleaning and painting so that contaminants from cleaning process will not fall onto wet, newly-painted surfaces.

Cementitious Materials: Prepare cementitious surfaces of concrete, concrete block, cement plaster and cement-asbestos board to be painted by removing efflorescence, chalk, dust, dirt, grease, oils, and by roughening as required to remove glaze.

1. Determine alkalinity and moisture content of surfaces to be painted by performing appropriate tests. If surfaces are found to be sufficiently alkaline to cause blistering and burning of finish paint, correct this condition before application of paint. Do not paint over surfaces where moisture content exceeds that permitted in manufacturer's printed directions.
2. Clean concrete floor surfaces scheduled to be painted with a commercial solution of muriatic acid, or other etching cleaner. Flush floor with clean water to neutralize acid, and allow to dry before painting.

Wood: Clean wood surfaces to be painted of dirt, oil, or other foreign substances with scrapers, mineral spirits, and sandpaper, as required. Sandpaper smooth those finished surfaces exposed to view, and dust off. Scrape and clean small, dry, seasoned knots and apply a thin coat of white shellac or other recommended knot sealer, before application of priming coat. After priming, fill holes and imperfections in finish surfaces with putty or plastic wood-filler. Sandpaper smooth when dried.

1. Prime, stain, or seal wood required to be job-painted immediately upon delivery to job. Prime edges, ends, faces, undersides, and backsides of such wood, including cabinets, counters, cases, paneling.
2. When transparent finish is required, use spar varnish for backpriming.
3. Backprime all exposed exterior wood. Backprime paneling on interior partitions only where masonry, plaster, or other wet wall construction occurs on backside.
4. Seal tops, bottoms, and cut-outs of unprimed wood doors with a heavy coat of varnish or equivalent sealer immediately upon delivery to job.

Ferrous Metals: Clean ferrous surfaces, which are not galvanized or shop-coated, of oil, grease, dirt, loose mill scale and other foreign substances by solvent or mechanical cleaning.

1. Touch-up shop-applied prime coats wherever damaged or bare. Clean and touch-up with same type shop primer.

Galvanized Surfaces: Clean free of oil and surface contaminants with non-petroleum based solvent.

MATERIALS PREPARATION:

Mix and prepare painting materials in accordance with manufacturer's directions.

Maintain containers used in mixing and application of paint in a clean condition, free of foreign materials and residue.

Stir materials before application to produce a mixture of uniform density, and stir as required during application. Do not stir surface film into material. Remove film and, if

APPLICATION:

General: Apply paint in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied.

1. Paint colors, surface treatments, and finishes, are indicated in "schedules" of the contract documents.
2. Provide finish coats which are compatible with prime paints used.
3. Apply additional coats when undercoats, stains or other conditions show through final coat of paint, until paint film is of uniform finish, color and appearance. Give special attention to insure that surfaces, including edges, corners, crevices, welds, and exposed fasteners receive a dry film thickness not less than specified thickness.
4. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Paint surfaces behind permanently-fixed equipment or furniture with prime coat only before final installation of equipment.
5. Paint interior surfaces of ducts, where visible through registers or grilles, with a flat, non-specular black paint.
6. Paint back sides of access panels, and removable or hinged covers to match exposed surfaces.
7. Finish exterior doors on tops, bottoms and side edges same as exterior faces, unless otherwise indicated.
8. Sand lightly between each succeeding enamel or varnish coat.
9. Omit first coat (primer) on metal surfaces which have been shop-primed and touch-up painted, unless otherwise indicated.

Scheduling Painting: Apply first-coat material to surfaces that have been cleaned, pretreated or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.

1. Allow sufficient time between successive coatings to permit proper drying. Do not recoat until paint has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure, and application of another coat of paint does not cause lifting or loss adhesion of the undercoat.

Minimum Coating Thickness: Apply materials at not less than manufacturer's recommended spreading rate, to establish a total dry film thickness as indicated or, if not indicated, as recommended by coating manufacturer.

Prime Coats: Apply prime coat where required to be painted or finished, and which has not been primed coated by others.

1. Recoat primed and sealed surfaces where there is evidence of suction spots or unsealed areas in first coat, to assure a finish coat with no burn-through or other defects due to insufficient sealing.

Pigmented (Opaque) Finishes: Completely cover to provide an opaque, smooth surface of uniform finish, color, appearance and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness or other surface imperfections will not be acceptable.

Transparent (Clear) Finishes: Use multiple coats to produce glass-smooth surface film of even luster. Provide a finish free of laps, cloudiness, color irregularity, runs, brush marks, orange peel, nail holes, or other surface imperfections.

1. Provide satin finish for final coats, unless otherwise indicated.

Completed Work: Match approved samples for color, texture and coverage. Remove, refinish or repaint work not in compliance with specified requirements.

FIELD QUALITY CONTROL:

The right is reserved by Owner to invoke the following material testing procedure at any time, and any number of times during period of field painting:

1. Engage services of an independent testing laboratory to sample paint being used. Samples of materials delivered to project site will be taken, identified and sealed, and certified in presence of Contractor.
2. Testing laboratory will perform appropriate tests for any or all of following characteristics: Abrasion resistance, apparent reflectivity, flexibility, washability, absorption, accelerated weathering, dry opacity, accelerated yellowness, recoating, skinning, color retention, alkali resistance and quantitative materials analysis.

If test results show that material being used does not comply with specified requirements, Contractor may be directed to stop painting work, and remove non-complying paint; pay for testing; repaint surfaces coated with rejected paint; remove rejected paint from previously painted surfaces if, upon repainting with specified paint, the two coatings are non-compatible.

CLEAN-UP AND PROTECTION:

Clean-Up: During progress of work, remove from site discarded paint materials, rubbish, cans and rags at end of each day.

Upon completion of painting work, clean window glass and other paint-spattered surfaces. Remove spattered paint by proper methods of washing and scraping, using care not to scratch or otherwise damage finished surfaces.

Protection: Protect work of other trades, whether to be painted or not, against damage by painting and finishing work. Correct any damage by cleaning, repairing or replacing, and repainting, as acceptable to Architect.

1. Provide "Wet Paint" signs as required to protect newly painted finishes. Remove temporary protective wrappings provided by others for protection of their work, after completion of painting operations.

At completion of work of other trades, touch-up and restore all damaged or defaced painted surfaces.

EXTRA STOCK:

CAFETERIA-KITCHEN EXPANSION FOR
WEST END ELEMENTARY SCHOOL FOR THE
ETOWAH COUNTY BOARD OF EDUCATION
GADSDEN, ALABAMA

PAINTING
09900-7

Deliver stock of maintenance materials to Owner. Furnish maintenance materials from same manufactured lot as materials installed and enclosed in protective packaging with appropriate identifying labels.

1. Paint: Furnish not less than one gallon for each type and color, applied.

EXTERIOR PAINT SCHEDULE

General: Provide the following paint systems for the various substrates, as indicated.
Paint all new roof penetrations at roof areas.

Ferrous Metals: Gloss Alkyd Enamel: 2 Finish coats over primer with total dry film thickness of not less than 6.0 mils.

1st Coat: S-W Pro Industrial Pro-Cryl® Universal Acrylic Primer
B66-01310 Series (5.0-10.0 mils wet, 1.9-3.8 mils dry per coat)
2nd Coat: S-W Industrial Enamel, B54 Series
3rd Coat: S-W Industrial Enamel, B54 Series, (2-4 mils dry per coat)

Optional System:

1st Coat: S-W Pro Industrial Pro-Cryl® Universal Acrylic Primer
B66-01310 Series (5.0-10.0 mils wet, 1.9-3.8 mils dry per coat)
2nd Coat: S-W Pro Industrial Waterbased Alkyd Urethane Enamel, Gloss,
B53 Series
3rd Coat: S-W Pro Industrial Waterbased Alkyd Urethane Enamel, Gloss,
B53 Series, (1.4 – 1.7 mils dry per coat)

Zinc-Coated Metal: Gloss Alkyd Enamel: 2 Finish coats over primer with total dry film thickness of not less than 2.5 mils.

1st Coat: S-W Pro Industrial Pro-Cryl® Universal Acrylic Primer
B66-01310 Series (5.0-10.0 mils wet, 1.9-3.8 mils dry per coat)
2nd Coat: S-W Industrial Enamel, B54 Series
3rd Coat: S-W Industrial Enamel, B54 Series, (2-4 mils dry per coat)

Optional System:

1st Coat: S-W Pro Industrial Pro-Cryl® Universal Acrylic Primer
B66-01310 Series (5.0-10.0 mils wet, 1.9-3.8 mils dry per coat)
2nd Coat: S-W Pro Industrial Waterbased Alkyd Urethane Enamel, Gloss,
B53 Series
3rd Coat: S-W Pro Industrial Waterbased Alkyd Urethane Enamel, Gloss,
B53 Series, (2-4 mils dry per coat)

INTERIOR PAINT SCHEDULE

General: Provide the following paint systems for the various substrates, as indicated on drawings, schedules and specifications.

Paint exposed metals (steel framing, mechanical ducts, conduit, etc.) as indicated on plans.

Paint all new and old roof penetrations at roof areas, including roof attic ventilators and exhaust fan housings.

Painter shall identify all fire and smoke partitions above lay in ceilings as follows: Wording shall be "FIRE AND SMOKE BARRIERS - PROTECT ALL OPENINGS" (4" high), to be applied every 8'- 0" o.c.

Concrete Masonry Units: **Latex Semi-Gloss Enamel Finish:** 2 Finish coats over filled surface with total dry film thickness of not less than 11.4 mils.

- 1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42W00150
(16.0 – 21.0 mils wet, 8.0 - 10.5 mils dry per coat)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss,
B31W12651 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss,
B31W12651 Series (4 mils wet, 1.5 mils dry per coat)

Concrete Masonry Units: **Epoxy Semi-Gloss Finish:** 2 Finish coats over filled surface with total dry film thickness of not less than 11.4 mils.

- 1st Coat: S-W Pro Industrial Heavy Duty Block Filler, B42W00150
(16.0 – 21.0 mils wet, 8.0 - 10.5 mils dry per coat)
- 2nd Coat: S-W Pro Industrial® Pre Catalyzed Water-based Epoxy Semi-Gloss, K46-01151 Series
(4 mils wet, 1.4 mils dry per coat)
- 3rd Coat: S-W Pro Industrial® Pre Catalyzed Water-based Epoxy Semi-Gloss, K46-01151 Series
(4 mils wet, 1.4 mils dry per coat)

Existing Concrete Masonry Units:

If existing material is covered with an enamel finished paint, the following shall be used;

- 1st Coat: S-W Extreme Bond Primer, B51W00150
(3.1 mils wet, .9 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss,
B31W12651 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss,
B31W12651 Series (4 mils wet, 1.5 mils dry per coat)

If the existing concrete block walls are covered in a latex paint, the following shall be used:

- 1st Coat: S-W ProMar 200 Zero VOC Latex Primer, B28W02600
(4 mils wet, 1.0 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss,
B31W12651 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss,
B31W12651 Series (4 mils wet, 1.5 mils dry per coat)

Drywall Systems: 3 coats with total dry film thickness not less than 3.5 mils

Drywall Walls and Ceilings: Interior Semi-Gloss Finish Acrylic Latex with dry film thickness not less than 3.8 mils.

- 1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer,
B28W02600 (4 mils wet, 1.0 mils dry)
- 2nd Coat: S-W ProMar 200 Zero VOC Interior Latex Semi-Gloss,
B31W02651 Series
- 3rd Coat: S-W ProMar 200 Zero VOC Interior Latex Semi-Gloss,
B31W02651 Series (4 mils wet, 1.5 mils dry per coat)

Zinc-Coated Metal: Alkyd Gloss Finish: 2 Coats over primer, with total dry film thickness not less than 6.0 mils.

- 1st Coat: S-W Pro Industrial Pro-Cryl® Universal Acrylic Primer
B66-01310 Series (5.0-10.0 mils wet, 1.9-3.8 mils dry per coat)
- 2nd Coat: S-W Industrial Enamel, B54 Series
- 3rd Coat: S-W Industrial Enamel, B54 Series, (2-4 mils dry per coat)

Optional System:

- 1st Coat: S-W Pro Industrial Pro-Cryl® Universal Acrylic Primer
B66-01310 Series (5.0-10.0 mils wet, 1.9-3.8 mils dry per coat)
- 2nd Coat: S-W Pro Industrial Waterbased Alkyd Urethane Enamel, Gloss,
B53 Series
- 3rd Coat: S-W Pro Industrial Waterbased Alkyd Urethane Enamel, Gloss,
B53 Series, (1.4 – 1.7 mils dry per coat)

Ferrous Metal: Alkyd Gloss Enamel Finish: 2 Finish Coats over primer, with total dry film thickness not less than 6.0 mils.

- 1st Coat: S-W Pro Industrial Pro-Cryl® Universal Acrylic Primer
B66-01310 Series (5.0-10.0 mils wet, 1.9-3.8 mils dry per coat)
- 2nd Coat: S-W Industrial Enamel, B54 Series
- 3rd Coat: S-W Industrial Enamel, B54 Series, (2-4 mils dry per coat)

Optional System:

- 1st Coat: S-W Pro Industrial Pro-Cryl® Universal Acrylic Primer
B66-01310 Series (5.0-10.0 mils wet, 1.9-3.8 mils dry per coat)
- 2nd Coat: S-W Pro Industrial Waterbased Alkyd Urethane Enamel, Gloss,
B53 Series

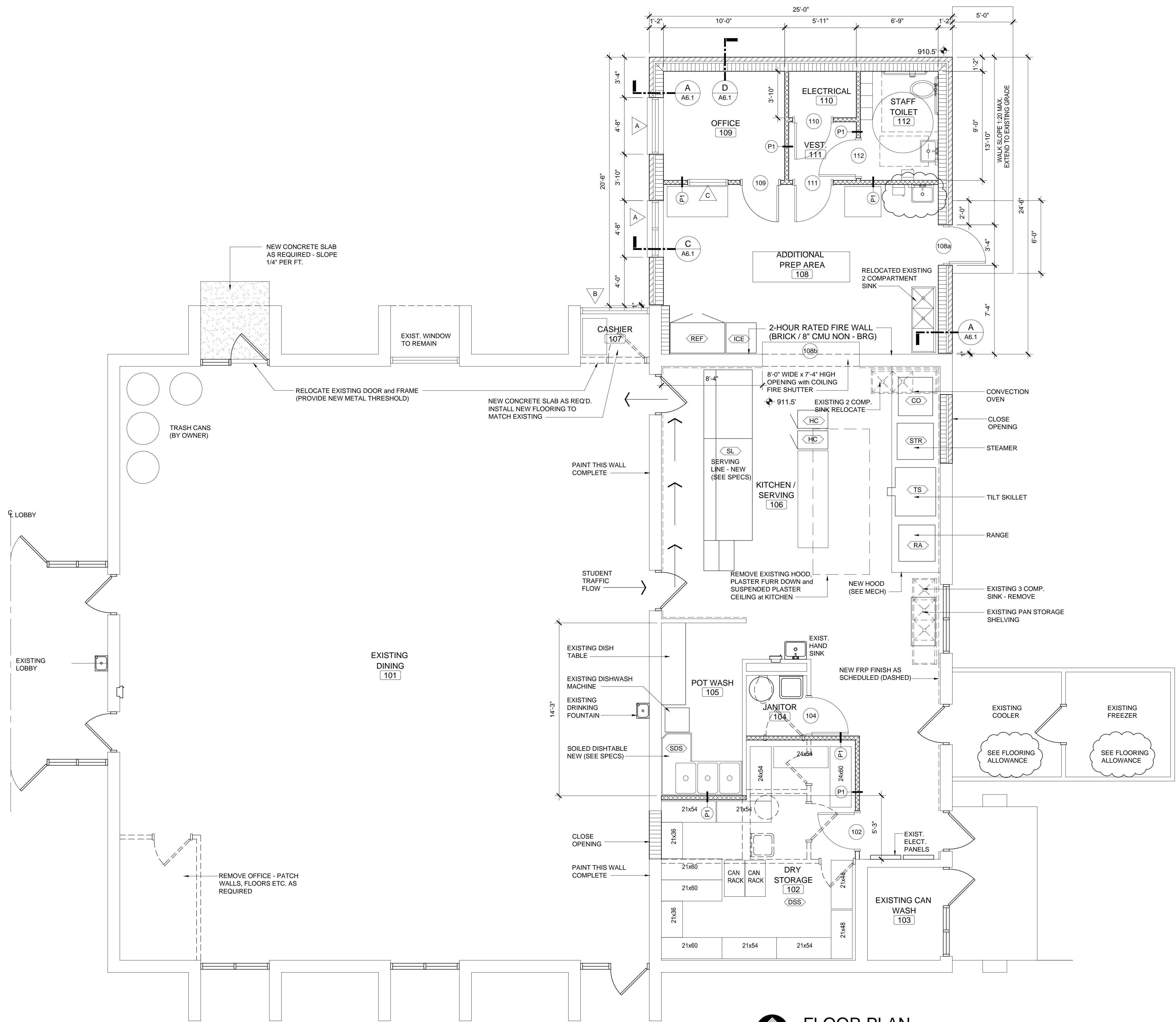
3rd Coat: S-W Pro Industrial Waterbased Alkyd Urethane Enamel, Gloss,
B53 Series, (1.4 – 1.7 mils dry per coat)

Stained Woodwork: Stained Varnish Rubbed Finish: 3 Finish Coats over stain plus filler on
open grain wood.

1st Coat: S-W MinWax Performance Series Tintable Interior Stain
550 VOC, (450-550 sq ft/gal) Available in 250 VOC Version
2nd Coat: S-W MinWax Performance Series Fast-Dry Varnish,
3rd Coat: S-W MinWax Performance Series Fast-Dry Varnish
(600-700 sq ft/gal) (available in Gloss, Semi-Gloss, Satin)

END OF SECTION

- Z:\2017\616-231 Cafeteria Kitchen Expansion West End ES, Altona, AL Etowah Co BOECAD Drawings\Architectural\A1.1 Floor Plan - Part X.dwg
- Monday, March 11, 2019 2:53:33 PM



FLOOR PLAN
SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE												
ROOM #	ROOM NAME	FLOOR	BASE	WALLS				CEILING		WAINS.	HEIGHT	REMARKS
				NORTH	SOUTH	EAST	WEST	TYPE	HEIGHT			
101	EXISTING DINING	---	---	---	---	---	---	---	---	---	NO FINISH WORK REQUIRED.	
102	DRY STORAGE	QT	QT	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN	---	---		
103	EXISTING CAN WASH	---	---	---	---	---	---	---	---	---	NO FINISH WORK REQUIRED.	
104	JANITOR	---	---	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN	---	---		
105	POT WASH	---	---	PAINT	PAINT	---	FRP	SEE RCP PLAN	---	---	FRP ON FURRING CHANNELS at EXISTING CMU WALLS	
106	KITCHEN / SERVING	---	---	FRP	PAINT	FRP	FRP	SEE RCP PLAN	---	---	FRP ON FURRING CHANNELS at EXISTING CMU WALLS	
107	CASHIER	VCT	RB	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN	---	---		
108	ADD'L PREP AREA	QT	QT	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN	---	---		
109	OFFICE	QT	QT	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN	---	---		
110	ELECTRICAL	QT	QT	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN	---	---		
111	VESTIBULE	QT	QT	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN	---	---		
112	STAFF TOILET	QT	QT	PAINT	PAINT	PAINT	PAINT	SEE RCP PLAN	---	---		

FLOOR PLAN LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING TO REMAIN
---	EXISTING TO BE REMOVED
(A-)	SCHEDULED DOOR AND FRAME
(W-)	SCHEDULED WINDOW UNIT
CORRIDOR	SCHEDULED ROOM NAME AND NUMBER
(A-X)	SECTION / DETAIL SYMBOL
0'-0"	EXISTING SPOT ELEVATION
(A-X)	INTERIOR ELEVATION SYMBOL
(P-)	WALL PARTITION TYPES
(FEC)	FIRE EXTINGUISHER CABINET (SEE DETAIL A9.1)
(SS/SB)	PREFINISHED METAL DOWNSPOUT TO SPLASHBLOCK
(CEP)	CONCRETE EQUIPMENT PAD (SEE DETAIL A9.1)
(WHR)	WALL MOUNTED METAL HANDRAIL - PAINT
(HGR)	METAL HANDRAIL / GUARDRAIL - PAINT
(CO)	CONVECTION OVEN (EXISTING) - CONTR. CONNECT
(STR)	STEAMER (EXISTING) - CONTRACTOR CONNECT
(TS)	TILT SKILLET (EXISTING) - CONTRACTOR CONNECT
(ICE)	ICE MACHINE (EXISTING) - CONTRACTOR CONNECT
(REF)	REFRIGERATOR (EXISTING) - CONTRACTOR CONNECT
(RA)	RANGE (EXISTING) - CONTRACTOR CONNECT
(SL)	SERVING LINE (NEW) - CONTR. FURNISH and INSTALL
(HC)	HOLDING CABINET (EXISTING) - CONTRACTOR CONNECT
(SDS)	SOILED DISHTABLE SINK (NEW) - CONTR. FURNISH and INSTALL
(DSS)	DRY STORAGE SHELVING (NEW) - CONTR. FURNISH and INSTALL

CODE REVIEW	
CODE:	2015 INTERNATIONAL BUILDING CODE
OCCUPANCY TYPE:	GROUP 'E'
SPRINKLERED:	NO
NUMBER OF STORIES:	1
CONSTRUCTION TYPE:	TYPE 2B
TYPE 2B, REQUIRES THE FOLLOWING FIRE RESISTANCE (TABLE 601):	
STRUCTURAL FRAME:	0 HOUR
EXTERIOR BEARING WALLS:	0 HOUR
INTERIOR BEARING WALLS:	0 HOUR
EXTERIOR NONBEARING WALLS:	0 HOUR
INTERIOR NONBEARING WALLS:	0 HOUR
FLOOR CONSTRUCTION:	0 HOUR
ROOF CONSTRUCTION:	0 HOUR
OTHER REQUIREMENTS:	SEPARATED FROM EXISTING BUILDING BY 2-HOUR FIRE WALL WITH 1-1/2-HOUR PROTECTED OPENING.

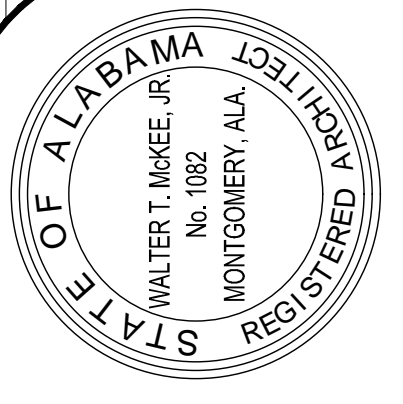
EXIT CALCULATIONS	
TOTAL BUILDING AREA	
OCCUPANCY TYPE - GROUP 'E'	
BUILDING TYPE: 2B	
ALLOWABLE SF: 14,500 SQ FT (TABLE 506.2)	
ACTUAL SF: 530 SQ FT	
OCCUPANT LOAD	
OCCUPANT LOAD TOTAL (1004 & TABLE 1004.1.2) =	
3 PERSONS (200 GROSS)	
EXIT REQUIREMENTS	
EXIT ACCESS (1016 & TABLE 1006.3.1)	
NO. OF EXITS REQUIRED: 1	
NO. OF EXITS FURNISHED: 1	

THESE DRAWINGS WERE COMPILED BY THE ARCHITECT FROM THE OWNER'S RECORD DRAWINGS AND FROM ON-SITE OBSERVATIONS TO INDICATE THE BUILDING ARRANGEMENT.

ALL CONTRACTORS SUBMITTING PROPOSALS FOR THIS WORK SHALL FIRST EXAMINE THE PREMISES AND ALL CONDITIONS THEREIN. ALL PROPOSALS SHALL TAKE INTO CONSIDERATION ALL SUCH CONDITIONS AS MAY AFFECT THE WORK UNDER THIS CONTRACT.

DRAWINGS ARE DIMENSIONED FOR BIDDING PURPOSES ONLY. CONTRACTORS SHALL MEASURE ALL EXISTING WORK AT THE PREMISES AND VERIFY ALL DIMENSIONS NEEDED TO PROPERLY INTERFACE IMPROVEMENTS WITH ALL EXISTING ELEMENTS WHICH ARE TO REMAIN.

CAFETERIA - KITCHEN EXPANSION
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 FOR THE
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 GADSDEN, ALABAMA



MCKEE and ASSOCIATES
 ARCHITECTURE and INTERIOR DESIGN
 631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (334) 634-9933

SHEET TITLE : FLOOR PLAN and FINISH SCHEDULE

MCKEE JOB # : 16.231

DRAWN BY : C. HAYS

DATE : 02.07.19

REVISED DATE : 03.04.19

REVISED DATE : 03.11.19

REVISED DATE :

SHEET NO. : **A1.1**