May 18, 2010

RE: Bid Title: Construction of Leon County Public Library Eastside Branch
Bid No: BC-06-08-10-33
Opening Date: Tuesday, June 8, 2010 at 2:00 PM

ADDENDUM #1

Dear Vendor:

This letter serves as Addendum #1 for the above referenced project.

The attached Addendum 1 from the Architect shall be added to the bid documents as stated therein.

Acknowledgment of this addendum is required as part of your bid submittal. Failure to acknowledge this addendum may result in rejection of your bid.

Should you have any questions, feel free to call me at (850) 606-1600.

Sincerely,

Keith M. Roberts
Purchasing Director
Date: May 17, 2010
To: John Ward  
Construction Manager  
Leon County Facilities Management

From: Johnson Peterson Architects, Inc.
Copied: John Ward, Construction Manager Leon County Facilities Management  
Douglas Barkley & Barry Pujol, Barkley Engineering  
Homer Ooten, Ooten and Associates  
Roger Walsh, R. E. Walsh Engineering, Inc.  
Peter Okonkwo, Spectra Engineering

Project Name: Leon County Library  
Eastside Branch

Addendum #1

Modifications to Project Manual:

Architectural:

APM1: Reference 01811, Part I General, 1.1 Summaries, B3. - The project is registered with USGBC and the $400.00 registration fee has been paid. The LEED, USGBC Design Review Fee will be paid by the Owner. The Construction Review Fee will be paid by the selected General Contractor at a cost of $500.00 for USGBC members and $750.00 of Non-Members. Contact USGBC for exact amount.

APM2: Reference 06120, Part I General, 1.03 Submittals, A1 & A2. - Clarification: NTA will be required. Most reputable SIP’s companies or manufactures have had their panels tested by the Nappanee Testing Agency (NTA) and are in compliance with ICC ES AC04 code report. Florida Product Approval is a requirement or that the MFG is able to provide site specific engineering.

APM3: Reference 06120, Part 2 Products, 2.01 Manufacture’s/Suppliers, B Materials 7. – Note shall reference 06120, Part 2 Products, 2.01 Manufacture’s/Suppliers, E Source Quality 1e.

APM4: Reference 06120, Part 2 Products, 2.01 Manufacture’s/Suppliers, E Source Quality 1e. – Completely pre-fabricated panels on CNC machinery will not be required, but it is highly preferred. Hand cut SIP’s shall be allowed with highly accurate cut tolerances.

APM5: Reference 07410 Part 2 Products, 2.01, A - Berridge Roofing Panels is an acceptable manufacturer.

APM6: Reference 01910 Commissioning Requirements. – TLC Engineering has been hired by the owner to be the Commissioning Authority.

APM7: Reference 01910 Commissioning Requirements. – Azizi Arrington-Bey, LEED AP, Johnson Peterson Architects will be the LEED Project Administrator and manage the Project Certification. She will also be present at the Pre-Bid Conference.
APM8: Reference 02513 Asphalt Paving. – Delete Technical Specification

APM9: Reference 01811, 2.1, D1. - All of the metal roof meets this requirement (SRI 30) except the 2:12 sloped roof over the mezzanine.

APM10: Reference 01811, 2.1, D2. – The modified bituminous roof with ‘energy star’ granulated roof (2.04/07550) meets the SRI requirement. (SRI 99)

APM11: Reference 01811, 2.1, G. - The landscape irrigation water supply (drawing C-5.0-R) does not meet the requirement. Irrigation systems should be temporary for plant establishment and removed within 1 year of installation.


APM13: Reference 01811, 2.1, V2-6. - The selected carpet (09680) meets the requirement.

APM13A: Reference 01811, 2.1, V1. – Delete reference.

APM14: Reference 01811, 2.1, Y. – The selected carpet (09680) meets the requirement.


APM16: Reference Draft Agreement Article 2.1, 5. - The building permit fees are a reimbursable cost item.

APM17: Reference Draft Agreement Article 6.1. - The building permit fees are not to be included in the total construction price.

APM18: Reference Draft Agreement Article 2.1, 5. – The water and sanitary sewer connection fees are a reimbursable cost item.

APM19: Reference Draft Agreement Article 6.1. - The water and sanitary sewer connection fees are not to be included in the total construction price.

APM20: Reference 12492, Part 3 Execution, 3.04 Horizontal Mini Blind Schedule – 1” mini blinds shall be installed in the lower glazing of Meeting Room 107. Storefront elevations 1&2/A5.1 details the blinds location. Building section 8/A4.1 details the blinds location. See architectural sheet A5.1 for revisions.

APM21: Reference 12493, Part 3 Execution, 3.04 Horizontal Mini Blind Schedule – 2” mini blinds shall be installed in the south and southeast curtain wall of Collection 102. Storefront elevations 13&14/A5.1 details the blinds location. Building section 8/A4.4 details blinds location. See architectural sheet A5.1 for revisions.
APM22: Reference 12494, Part 3 Execution, 3.04 Contact Shade Schedule – Contact Shades shall be installed in the upper glazing of Meeting Room 107. Storefront elevations 1&2/A5.1 details the shades location. Building section 8/A4.1 details the shades location. See architectural sheet A5.1 for revisions.


APM24: Reference 12494, Part 2 Products, A.2.b. Clutch – As a basis of design, provide Somfy U.L. approved motorized shade system for raising and lowering. Insulated engineered motor shall be mounted inside shade tube and operates on 110 volts.

APM25: Reference 07218, Spray Insulation - Icynene is an acceptable product.

APM26: Reference 10255, Stucco Wall Systems – Dryvit Outsulation Plus MD is not an acceptable product. The system does not meet the technical specification. If Dryvit has another system or product without expanded polystyrene insulation and is comparable to the technical specification, the bidder can provide data sheets, application instructions and details for approved substitution.

Modification to Drawings:

Architectural:

A1: Reference Architectural Sheet LS1.1. – Clarification: Fire rated walls shall comply with UL Assembly Rating 532. All exterior walls, interior SIP’s (structural) rectangular columns shall comply with the UL Rating assembly. See attached architectural sheet LS1.1.

A2: Reference Architectural Sheet A1.4. – The chair-rail profile detail has been added to sheet A1.4. See attached revision, A1.4, detail 4&5.

A3: Reference Architectural Sheet G1.2. - The drawings have been updated to reflect the 2008 National Electrical Code. See revised architectural sheet G1.2. (Leon County, Building Officials Comments)

A4: Reference Architectural Sheet A6.1. - The drawings have been updated to reflect the grab-bars to be mounted at 33-36” above finished floor per Section 11-4.17.6 FBC. See revised architectural sheet A6.1 (Leon County, Building Officials Comments)

A5: Reference Architectural Sheet A6.1. - The drawings have been updated to reflect the maximum toe clearance shall be 6” to the back edge of sink per Section 11-4.17.4 FBC. See revised architectural sheet A6.1. (Leon County, Building Official Comments)

A6: Reference Architectural Sheet A6.1 - The drawings have been updated to clearly delineate the turning spaces required by Section 11-4.22.3 FBC for Rooms 103, 104, 106A, 106B & 113. See revised architectural sheet A6.1. (Leon County, Building Official Comments)
A7:  Reference Architectural Sheet A3.1 detail 1 and Architectural Sheet A4.3 details 2, 6 & 7 - Details have been revised to show spray insulation.  See APM26:

A8:  Reference Architectural Sheet A1.1. - Restroom walls have been modified and clarified.

A9:  Reference Architectural Sheet A1.1. – Wall Types have been revised.

A10: Reference Architectural Sheet A5.3. – Door hardware schedule has been revised.

Structural:

S1:  Reference Structural Sheet S-1.3. – The table indicating the SIPS Wall Configuration has been revised to reference the appropriate sheet number.  Old sections cuts that no longer apply have been delete.

S2:  Reference Structural Sheet S-1.5. - Section Mark B/S-4.5 has been relocated to its’ proper location.

S3:  Reference Structural Sheet S-2.2. - Column Pad Footing Schedule has been edited to match the schedule on sheet S-1.1.

S4:  Reference Structural Sheet S-0.1, Note-3/S-01 – TESTING - The Owner will be responsible for all testing.  Geotechnical Engineer fees are a reimbursable cost item.

S5:  Reference Structural Sheet S1.3. - Exterior Restroom wall has been added.
SECTION 09250 – GYPSUM DRYWALL

PART 1 GENERAL

1.01 SUMMARY
   A. Section Includes: Glass-mat faced, moisture resistant gypsum board.

1.02 REFERENCES
   A. ASTM International (ASTM):

1.03 SUBMITTALS
   A. Product Data: Manufacturer’s specifications and installation instructions for each product specified.

1.04 QUALITY ASSURANCE
   A. Regulatory Requirements: Provide products that comply with the following limits for surface burning characteristics when tested per ASTM E84:
      1. Flame spread: 25, maximum.
      2. Smoke developed: 450, maximum.
   B. Provide products that have been GREENGUARD Indoor Air Quality Certified by the GREENGUARD Environmental Institute under the GREENGUARD Standard for Low Emitting Products and GREENGUARD for Children & Schools product certification program.

1.05 WARRANTY
   A. Provide products that offer six months of coverage against in-place exposure damage (delamination, deterioration and decay).
   B. Manufacturer’s Warranty: Three years against manufacturing defects.

PART 2 PRODUCTS

2.01 MANUFACTURERS
   A. Georgia-Pacific Gypsum LLC:
   B. United States Gypsum
   C. Gold Bond

2.02 MATERIALS
   A. 5/8 Inch Fire-Rated Fiberglass-Mat Faced Gypsum Board:
      1. Thickness: 5/8 inch.
      2. Width: 4 feet.
      3. Length: 8 feet.
4. Weight: 2570 pounds per M square feet.
5. Edges: Tapered.
6. Surfacing: Coated fiberglass mat on face, back, and long edges.
9. R-Value (ASTM C518): Not less than 0.67.
15. Acceptable Products:
   a. 5/8 Inch DensArmor Plus Fireguard Interior Guard Type X, Georgia–Pacific Gypsum.
   b. 5/8 Inch DensArmor Plus Abuse Guard, Georgia–Pacific Gypsum.

2.03 STEEL FRAMING FOR WALLS AND PARTITIONS

A. Steel Studs and Runners: ASTM C 645, with flange edges of studs bent back 90 deg. and doubled over to form 3/16" minimum lip (return) and complying with the following requirements for minimum thickness of base (uncoated) metal and for depth:
   Thickness: 0.0179 inch, unless otherwise indicated.
   Depth: 3–5/8 inches, unless otherwise indicated.

B. Steel Rigid Furring Members: ASTM C 645, depth and minimum thickness of base (uncoated) metal as follows:
   Depth: 1–1/2 inch.
   Thickness: 0.0179 inch, unless otherwise indicated.

C. Z-Furring Members: Manufacturer's standard zee-shaped furring members with slotted or nonslotted web, fabricated from hot–dip galvanized steel sheet complying with ASTM A 525, Coating Designation G60; with a minimum base metal (uncoated) thickness of 0.0179 inch, face flange of 1–1/4 inches, wall–attachment flange of 7/8 inch, and of 1–1/2 inches in depth.

D. Fasteners: Provide fasteners of type, material, size, corrosion resistance, holding power and other properties required to fasten steel framing and furring members securely to substrates involved; complying with the recommendations of gypsum drywall manufacturers for applications indicated.

2.04 GLASS MESH MORTAR UNITS

A. Proprietary backing units with glass mesh fiber mesh reinforcing and water resistant coating on both faces, complying with one of the following requirements:

B. Cement-Coated Portland Cement Panels: High density portland cement surface coating on both faces and lightweight concrete core composed of portland cement and expanded ceramic aggregate; fabricated in panels 7/16 inch thick by 36 inches wide by 36, 48, or 60, 64, or 72 inches long; and weighing 3.2 – 3.8 lbs per sq. ft.

C. Vinyl-Coated Portland Cement Panels: Core formed in a continuous process from aggregated portland cement slurry and reinforced with vinyl–coated woven glass fiber mesh embedded in both surfaces, with one face smooth and other textured; fabricated in panels 1/2 inch thick and by 36 inches wide by 48, 60, and 72 inches long; and weighing 3 lbs per sq. ft.

D. Products: Subject to compliance with requirements, provide one of the following products to be used in all shower/bath locations and where noted:

   1. "Wonder–Board”; Modulars Inc.

2.05 TRIM ACCESSORIES

A. Cornerbead and Edge Trim for Interior Installation: Provide corner beads, edge trim and control joints which comply with ASTM C 1047 and requirements indicated below:
B. Material: Formed metal, plastic or metal combined with paper, with metal complying with the following requirement:
C. Sheet steel coated with zinc by hot-dip or electrolytic processes, or with aluminum.
D. Edge trim shapes indicated below by reference to designations of Fig. 1 in ASTM C 1047:
   1. "LC" Bead, unless otherwise indicated.
   2. "LK" Bead with square nose for use with kerfed jambs.
   3. "L" Bead where necessary.
   4. "U" Bead where necessary.

2.06 GYPSUM BOARD JOINT TREATMENT MATERIALS

A. Provide materials complying with ASTM C 475, ASTM C 840, and recommendations of manufacturer of both gypsum board and joint treatment materials for the application indicated.
B. Joint Tape: Paper reinforcing tape, unless otherwise indicated.
C. Drying-Type Joint Compounds: Factory-prepackaged vinyl-based products complying with the following requirements for formulation and intended use.
D. Ready-Mix Formulation: Factory-premixed product.
E. All-purpose compound formulated for use as both taping and topping compound.

PART 3 EXECUTION

3.01 INSTALLATION

A. General: In accordance with ASTM C840 and the manufacturer’s recommendations.
   1. Manufacturer’s Recommendations:
      b. Current “Product Catalog”, United States Gypsum
      c. Current “Product Catalog”, Gold Bond

3.02 APPLICATION

A. Primer and Paint Application:
   1. Use a high quality, high build drywall primer/surfacer. Comply with application instructions of the primer manufacturer as stated on the container.
   2. Apply high build primer at a sufficient wet film thickness to ensure a dry film thickness that will produce acceptable results.
   3. Apply finish coats of paint per the paint manufacturer’s label instructions.

3.03 PROTECTION

A. Protect gypsum board installations from damage and deterioration until the date of Substantial Completion.

END OF SECTION
PART 1     GENERAL

1.01 SECTION INCLUDES

A. Surface preparation.

B. Field application of paints, stains, varnishes, and other coatings.

1.02 REFERENCES


C. NACE (IMP) – Industrial Maintenance Painting; NACE International; Edition date unknown.


F. Division 1 Section "LEED Requirements"

1.03 DEFINITIONS

A. Conform to ASTM D 16 for interpretation of terms used in this section.

1.04 SUBMITTALS

A. See Section 01300 – Administrative Requirements, for submittal procedures.

B. Product Data: Provide data on all finishing products.

C. Samples: Submit two painted samples, illustrating selected colors and textures for each color and system selected with specified coats cascaded. Submit on aluminum sheet, 6x6 inch in size.

D. Manufacturer’s Instructions: Indicate special surface preparation procedures.
E. Maintenance Data: Submit data on cleaning, touch-up, and repair of painted and coated surfaces.

1.05 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the Products specified in this section with minimum three years documented experience.

B. Applicator Qualifications: Company specializing in performing the work of this section with minimum 3 years experience.

1.06 REGULATORY REQUIREMENTS

A. Conform to applicable code for flame and smoke rating requirements for products and finishes.

1.07 DELIVERY, STORAGE, AND PROTECTION

A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.

B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.

C. Paint Materials: Store at minimum ambient temperature of 45 degrees F (7 degrees C) and a maximum of 90 degrees F (32 degrees C), in ventilated area, and as required by manufacturer's instructions.

1.08 ENVIRONMENTAL REQUIREMENTS

A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.

B. Do not apply exterior coatings during rain or snow, or when relative humidity is outside the humidity ranges required by the paint product manufacturer.

C. Minimum Application Temperatures for Latex Paints: 45 degrees F (7 degrees C) for interiors; 50 degrees F (10 degrees C) for exterior; unless required otherwise by manufacturer's instructions.

D. Minimum Application Temperature for Varnish Finishes: 65 degrees F (18 degrees C) for interior or exterior, unless required otherwise by manufacturer's instructions.

E. Provide lighting level of 80 ft candles (860 lx) measured mid-height at substrate surface.
PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Paints:
   1. Sherwin-Williams Co.
   2. ICI Paints North America.

2.02 PAINTS AND COATINGS – GENERAL

A. Paints and Coatings: Ready mixed, except field-catalyzed coatings. Prepare pigments:
   1. To a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating.
   2. For good flow and brushing properties.
   3. Capable of drying or curing free of streaks or sags.

2.03 PAINT SYSTEMS

INTERIOR – USGBC LEED09®–NC/CI/CS SPECIFICATION

DRYWALL – (Walls, Gypsum Board, etc.)
   1st Coat: S-W ProGreen 200 Interior Latex Primer, B28W600
             (4 mils wet, 1.5 mils dry per coat)
   2nd Coat: S-W ProGreen 200 Eg-Shel, B20–650 Series
   3rd Coat: S-W ProGreen 200 Eg-Shel, B20–650 Series
             (4 mils wet, 1.6 mils dry per coat)

DRYWALL – (Ceilings, Gypsum Board, etc.)
   1st Coat: S-W ProGreen 200 Interior Latex Primer, B28W600
             (4 mils wet, 1.5 mils dry per coat)
   2nd Coat: S-W ProGreen 200 Flat, B30–600 Series
   3rd Coat: S-W ProGreen 200 Flat, B30–600 Series
             (4 mils wet, 1.8 mils dry per coat)

DRYWALL – Epoxy System (Water Base)
   1st Coat: S-W ProMar 200 Interior Latex Primer, B28W200
             (4 mils wet, 1.1 mils dry per coat)
   2nd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy, K46–151 Series
   3rd Coat: S-W Pro Industrial Pre-Catalyzed Waterbased Epoxy, K46–151 Series
             (4 mils wet, 1.5 mils dry per coat)

MASONRY – (CMU – Concrete, Split Face, Scored, Smooth, High Density, Low Density, Fluted)
   1st Coat: S-W PrepRite Block Filler, B25W25
             (16 mils wet, 8 mils dry)
2nd Coat: S-W ProGreen 200 Eg-Shel, B20-650 Series
3rd Coat: S-W ProGreen 200 Eg-Shel, B20-650 Series
(4 mils wet, 1.6 mils dry per coat)

CONCRETE - (Walls & Ceilings, Poured Concrete, Precast Concrete, Unglazed Brick, Cement Board, Tilt-Up, Cast-In-Place) including PLASTER – (Walls, Ceilings)
1st Coat: S-W Loxon Masonry Primer, A24W8300
(7 mils wet, 3 mils dry)
2nd Coat: S-W ProGreen 200 Eg-Shel, B20-650 Series
3rd Coat: S-W ProGreen 200 Eg-Shel, B20-650 Series
(4 mils wet, 1.6 mils dry per coat)

METAL – (Aluminum, Galvanized)
1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series
(5-10 mils wet, 2-4 mils dry)
2nd Coat: S-W ProClassic Waterborne Acrylic Semi-Gloss, B31 Series
3rd Coat: S-W ProClassic Waterborne Acrylic Semi-Gloss, B31 Series
(4 mils wet, 1.4 mils dry per coat)

METAL – (Structural Steel Columns, Joists, Trusses, Beams, Miscellaneous & Ornamental Iron, Structural Iron, Ferrous Metal)
1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series
(5-10 mils wet, 2-4 mils dry)
2nd Coat: S-W ProClassic Waterborne Acrylic Semi-Gloss, B31 Series
3rd Coat: S-W ProClassic Waterborne Acrylic Semi-Gloss, B31 Series
(4 mils wet, 1.4 mils dry per coat)

METAL – (Structural Steel Columns, Joists, Trusses, Beams, Miscellaneous & Ornamental Iron, Structural Iron, Ferrous Metal)
Alkyd Topcoat System
1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-310 Series
(5-10 mils wet, 2-4 mils dry)
2nd Coat: S-W ProClassic XP™ Alkyd Semi-Gloss, B34W8551
3rd Coat: S-W ProClassic XP™ Alkyd Semi-Gloss, B34W8551
(4 mils wet, 3.7 mils dry per coat)

WOOD – Painted (Walls, Ceilings, Doors, Trim)
1st Coat: S-W PrepRite ProBlock Latex Primer, B51 Series
(4 mils wet, 1.4 mils dry)
2nd Coat: S-W ProClassic Waterborne Acrylic Semi-Gloss, B31 Series
3rd Coat: S-W ProClassic Waterborne Acrylic Semi-Gloss, B31 Series
(4 mils wet, 1.4 mils dry per coat)

WOOD – Stain and Varnish System (Walls, Ceilings, Doors, Trim)
1st Coat: S-W Minwax 250 VOC Stains
2nd Coat: S-W WoodClassics Waterborne Polyurethane Varnish, A68 Series
3rd Coat: S-W WoodClassics Waterborne Polyurethane Varnish, A68 Series
(4 mils wet, 1.0 mil dry per coat)

EXTERIOR LOW VOC SPECIFICATION

CONCRETE - (Cementitious Siding, Flexboard, Transite Board, Shingles (Non-Roof), Common Brick, Stucco, Tilt-up, Precast, and Poured-in-place Cement)
1st Coat: S-W Loxon Acrylic Masonry Primer, A24W8300
(8 mils wet, 3.2 dry)
2nd Coat: S-W Resilience™ Latex Satin, K43 Series
3rd Coat: S-W Resilience™ Latex Satin, K43 Series
(4 mils wet, 1.44 mils dry per coat)

MASONRY (Concrete Masonry Units [CMU]- Cinder or Concrete Block)
1st Coat: S-W Loxon Block Surfacer, A24W200
(16 mils wet, 8 mils dry)
2nd Coat: S-W Resilience™ Latex Satin, K43 Series
3rd Coat: S-W Resilience™ Latex Satin, K43 Series
(4 mils wet, 1.44 mils dry per coat)

METAL – (Misc. Iron, Ornamental Iron, Structural Iron & Steel, Ferrous Metal)
1st Coat: S-W Pro Industrial™ Pro–Cryl Universal Primer, B66–310 Series
(5–10 mils wet, 2–4 mils dry)
(2.5–4 mils dry per coat)

WOOD – Stain (Trim, Beams, Shutters, Sashes)
1st Coat: S-W Minwax 250 VOC Stains
2nd Coat: S-W Minwax Helmsman Water–Based Int–Ext Spar Varnish
3rd Coat: S-W Minwax Helmsman Water–Based Int–Ext Spar Varnish

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that surfaces are ready to receive Work as instructed by the product manufacturer.

B. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.

C. Test shop–applied primer for compatibility with subsequent cover materials.
D. Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces are below the following maximums:

1. Plaster and Gypsum Wallboard: 12 percent.
2. Exterior Wood: 15 percent, measured in accordance with ASTM D 4442.

3.02 PREPARATION

A. Surfaces: Correct defects and clean surfaces which affect work of this section. Remove or repair existing coatings that exhibit surface defects.

B. Plaster Surfaces to be Painted: Fill hairline cracks, small holes, and imperfections with latex patching plaster. Make smooth and flush with adjacent surfaces. Wash and neutralize high alkali surfaces.

C. Galvanized Surfaces to be Painted: Remove surface contamination and oils and wash with solvent. Apply coat of etching primer.

D. Shop-Primed Steel Surfaces to be Finish Painted: Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces. Re-prime entire shop-primed item.

E. Exterior Wood to Receive Opaque Finish: Remove dust, grit, and foreign matter. Seal knots, pitch streaks, and sappy sections. Fill nail holes with tinted exterior calking compound after prime coat has been applied. Back prime concealed surfaces before installation.

3.03 APPLICATION

A. Apply products in accordance with manufacturer’s instructions.

B. Where adjacent sealant is to be painted, do not apply finish coats until sealant is applied.

C. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.

D. Apply each coat to uniform appearance. Apply each coat of paint slightly darker than preceding coat unless otherwise approved.

E. Sand wood surfaces lightly between coats to achieve required finish.

F. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.

G. Where clear finishes are required, tint fillers to match wood. Work fillers into the grain before set. Wipe excess from surface.
3.04 CLEANING

A. Collect waste material that may constitute a fire hazard, place in closed metal containers, and remove daily from site.

END OF SECTION
FLORIDA BUILDING CODE
FBC-B - 2007 EDITION

INDEX OF DRAWINGS

GENERAL NOTES:
The contractor shall make available to the building inspector any documentation necessary to verify that all products requiring approval per FS 553.842 & 98-72-FAC are in compliance.

MIAMI-DADE NOAS, SBCC, ICC or OTHER AGENCY APPROVAL NUMBERS WILL NOT BE ACCEPTED AS FLORIDA PRODUCT APPROVAL NUMBERS

USE 2009 SUPPLEMENTS

PLAN & SECTION INDICATIONS

SECTION MARK

SHEET NUMBER

EXTERIOR ELEVATION MARK

ELEVATION REFERENCE

NORTH ARROW

ARCHITECTURAL SYMBOLS

DOOR & FRAME

INDEX SHEET
OCCUPANCY USE - GROUP A3 - LIBRARIES
CONSTRUCTION TYPE - TYPE V-A - NON-SPRINKLERED
TOTAL BUILDING SQUARE FOOTAGE - 12,335 NSF
TOTAL BUILDING OCCUPANCY LOAD = 236 OCCUPANTS
NUMBER OF EXITS REQUIRED = 2 - NUMBER PROVIDED 5

OCCUPANT LOAD:
1. COLLECTION AREA - ASSEMBLY - GROUP A3
   TOTAL SQUARE FEET = 6,217 net sf
   STACKS AREA = 2,035 sqft
   OCCUPANCY LOAD: = 100 GSF = 20 OCCUPANTS
   TRAVEL DISTANCE: MAX DISTANCE = 200'-0" - SEE LIFE SAFETY PLAN
   FIRE EXIT LIGHT CEILING MOUNT
   READING AREA = 6,182 sqf
   OCCUPANCY LOAD: = 50 NSF = 123 OCCUPANTS
   TRAVEL DISTANCE: MAX DISTANCE = 200'-0" - SEE LIFE SAFETY PLAN
   FIRE EXIT LIGHT CEILING MOUNT
   STACKS AREA = 2,035 sq ft
   OCCUPANCY LOAD: = 100 GSF = 24 OCCUPANTS
   TRAVEL DISTANCE: MAX DISTANCE = 300'-0" - SEE LIFE SAFETY PLAN
   FIRE EXIT LIGHT CEILING MOUNT
   CONFERENCING ROOM - ASSEMBLY - GROUP A3
   TOTAL SQUARE FEET = 900 sqft
   OCCUPANCY LOAD = 15 NSF = 60 OCCUPANTS
   TRAVEL DISTANCE: MAX DISTANCE = 200'-0" - SEE LIFE SAFETY PLAN
   FIRE EXIT LIGHT CEILING MOUNT
   BUSINESS OCCUPANCY - GROUP B
   TOTAL SQUARE FEET = 840 sqf
   OCCUPANCY LOAD = 100 GROSS = 9 OCCUPANTS
   TRAVEL DISTANCE: MAX DISTANCE = 200'-0" - SEE LIFE SAFETY PLAN
   FIRE EXIT LIGHT CEILING MOUNT

NOTE: Automatic Sliding Door Space. Doors should have decals properly displayed. These should be decals that include the statement: "AUTOMATIC DOOR" in letters 1/2 in. high, minimum size 9/16" x 1 1/4", with a description such as "PEEK TO OPEN" or words similar to the side path of the door. An ADA/EQ safety information sign should be affixed to the door frame in a visible, protected location. See interior technical specifications.

NOTE: Sliding doors shall comply with ASME A156. All interior walls, interior SIP's and structural concrete columns shall comply with the 90-min rating assembly.

NOTES:
- Automatic Sliding Door Space: Doors should have decals properly displayed. These should be decals that include the statement: "AUTOMATIC DOOR" in letters 1/2 in. high, minimum size 9/16" x 1 1/4", with a description such as "PEEK TO OPEN" or words similar to the side path of the door. An ADA/EQ safety information sign should be affixed to the door frame in a visible, protected location. See interior technical specifications.
- Sliding doors shall comply with ASME A156. All interior walls, interior SIP's and structural concrete columns shall comply with the 90-min rating assembly.

100% CONSTRUCTION DOCUMENTS
LIFE SAFETY PLAN

LIFE SAFETY PLAN

11/16/2011

2. WORK AREA - ASSEMBLY - GROUP A3
   TOTAL SQUARE FEET = 2,436 sqft
   OCCUPANCY LOAD = 100 GSF = 24 OCCUPANTS
   TRAVEL DISTANCE: MAX DISTANCE = 200'-0" - SEE LIFE SAFETY PLAN
   FIRE EXIT LIGHT CEILING MOUNT
   READING AREA = 900 sq ft
   OCCUPANCY LOAD: = 50 NSF = 123 OCCUPANTS
   TRAVEL DISTANCE: MAX DISTANCE = 200'-0" - SEE LIFE SAFETY PLAN
   FIRE EXIT LIGHT CEILING MOUNT
   CONFERENCE ROOM - ASSEMBLY - GROUP A3
   TOTAL SQUARE FEET = 900 sqft
   OCCUPANCY LOAD = 15 NSF = 60 OCCUPANTS
   TRAVEL DISTANCE: MAX DISTANCE = 200'-0" - SEE LIFE SAFETY PLAN
   FIRE EXIT LIGHT CEILING MOUNT
   BUSINESS OCCUPANCY - GROUP B
   TOTAL SQUARE FEET = 840 sqf
   OCCUPANCY LOAD = 100 GROSS = 9 OCCUPANTS
   TRAVEL DISTANCE: MAX DISTANCE = 200'-0" - SEE LIFE SAFETY PLAN
   FIRE EXIT LIGHT CEILING MOUNT
## Door Schedule

<table>
<thead>
<tr>
<th>Door Number</th>
<th>Room</th>
<th>Door Type</th>
<th>Height</th>
<th>Width</th>
<th>Thickness</th>
<th>Door Finish</th>
<th>Glass Frame</th>
<th>Frame Finish</th>
<th>Hardware</th>
<th>Closer</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>102A</td>
<td>Hollow Metal</td>
<td>7'-0&quot;</td>
<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
<td>Paint No</td>
<td>Hollow Metal Paint 1 Yes</td>
<td>See detail 1&amp;4/A5.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>102B</td>
<td>Hollow Metal</td>
<td>7'-0&quot;</td>
<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
<td>Paint No</td>
<td>Hollow Metal Paint 1 Yes</td>
<td>See detail 1&amp;4/A5.3</td>
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<td></td>
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<td></td>
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<tr>
<td>104A</td>
<td>Solid Core Wood</td>
<td>7'-0&quot;</td>
<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
<td>Stain No</td>
<td>Hollow Metal Paint 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>107B</td>
<td>Staff Work Area</td>
<td>Solid Core Wood</td>
<td>7'-0&quot;</td>
<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
<td>Stain No</td>
<td>Hollow Metal Paint 2 Yes</td>
<td>See detail 1&amp;4/A5.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>107C</td>
<td>Meeting Room</td>
<td>Storefront Entrance</td>
<td>7'-0&quot;</td>
<td>MFG</td>
<td>MFG Anodized Med. Bronze Yes</td>
<td>Aluminum Anodized Med. Bronze 4 Yes</td>
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<td></td>
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</tr>
<tr>
<td>107D</td>
<td>Meeting Room</td>
<td>Kitchen Solid Core Wood</td>
<td>7'-0&quot;</td>
<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
<td>Stain No</td>
<td>Hollow Metal Paint 5 See detail 1&amp;4/A5.3</td>
<td></td>
<td></td>
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<tr>
<td>111A</td>
<td>Staff Work Area</td>
<td>Solid Core Wood</td>
<td>7'-0&quot;</td>
<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
<td>Stain No</td>
<td>Hollow Metal Paint 2 Yes</td>
<td>See detail 1&amp;4/A5.3</td>
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<tr>
<td>112</td>
<td>Staff Rest Area</td>
<td>Solid Core Wood</td>
<td>7'-0&quot;</td>
<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
<td>Stain No</td>
<td>Hollow Metal Paint 8 Yes Card Reader</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>113</td>
<td>Staff/EMS Restroom/Shower</td>
<td>Solid Core Wood</td>
<td>7'-0&quot;</td>
<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
<td>Stain No</td>
<td>Hollow Metal Paint 7 Yes</td>
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<td></td>
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</tr>
</tbody>
</table>

### Door Hardware Schedule - Basis of Design

- **Interior Doors**
  - Handles: 2 6" MTL STUDS
  - 3 5/8" MTL STUD WALL
  - Cylinder: CYLINDER 6 PIN
  - Strike: STRIKE - STRIKE
  - Cylinder Rim: CYLINDER RIM
  - Latch: LA T C H - SQ U A R E C O R N E R
  - Floor Stop: HIGH - DOME FLOOR STOP
  - Vertical Rod Device: CONCEALED VERTICAL ROD DEVICE
  - Lever: AL - SERIES - JUPITER AL40 S (SCHLAEGER SIM.)

- **Exterior Doors**
  - Handles: 2 6" MTL STUDS
  - Cylinder: CYLINDER 6 PIN
  - Strike: STRIKE - STRIKE
  - Cylinder Rim: CYLINDER RIM
  - Latch: LA T C H - SQ U A R E C O R N E R
  - Floor Stop: HIGH - DOME FLOOR STOP
  - Vertical Rod Device: CONCEALED VERTICAL ROD DEVICE
  - Lever: AL - SERIES - JUPITER AL40 S (SCHLAEGER SIM.)

## Door Hardware Details

- **Interior Door DTL @ SIPS**
  - CYLINDER: 6 PIN
  - STRIKE: STRIKE - STRIKE
  - Cylinder Rim: CYLINDER RIM
  - Latch: LA T C H - SQ U A R E C O R N E R
  - Floor Stop: HIGH - DOME FLOOR STOP
  - Vertical Rod Device: CONCEALED VERTICAL ROD DEVICE
  - Lever: AL - SERIES - JUPITER AL40 S (SCHLAEGER SIM.)

- **Exterior Door DTL @ MTL STUD**
  - CYLINDER: 6 PIN
  - STRIKE: STRIKE - STRIKE
  - Cylinder Rim: CYLINDER RIM
  - Latch: LA T C H - SQ U A R E C O R N E R
  - Floor Stop: HIGH - DOME FLOOR STOP
  - Vertical Rod Device: CONCEALED VERTICAL ROD DEVICE
  - Lever: AL - SERIES - JUPITER AL40 S (SCHLAEGER SIM.)

## Door Elevations

1. Double Hollow Metal Door
2. Double Hollow Metal Door
3. Hollow Metal Door
4. Double Hollow Metal Door
5. Narrow Stile Storefront Door
6. Steel Framed Glass Door
7. Automatic Swing Door - Door Are Designed and Engineered to Fit the Job