

**ADDENDUM NUMBER ONE**

FOR

**DISTRICT FIVE OF  
LEXINGTON & RICHLAND COUNTIES  
CHAPIN ELEMENTARY SCHOOL**

PREPARED BY

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AND

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**DATE OF ISSUE: March 26, 2009**

**TO: ALL PRIME BIDDERS OF RECORD**

This addendum modified the Contract Documents only in the manner and to the extent stated herein and shown on any accompanying drawings and will become a part of the Contract Documents. Except as specified or otherwise indicated by this addendum, all work shall be in accordance with the basic requirements of the Contract Documents.

BIDDER SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY CONSTITUTE INFORMALITY IN THE BID.

Item 1: CJMW Addendum Number One consisting of 15 pages.

End of Addendum No. 1

## ATTACHMENTS:

1. Specification Section 08620 Unit Skylights
2. Specification Section 09670 Epoxy Resin Liquid Composition Flooring
3. Bulletin Drawing BDM001 HVAC Schedule and Details

## SPECIFICATIONS:

1. **Specification Section 00300 Table of Contents, Contract Documents:**  
Delete: "CD-1 CONTRACT DOCUMENTS  
FORM OF AGREEMENT BETWEEN OWNER AND  
CONTRACTOR (AIA FORM A101 – 1987 EDITION)  
GENERAL CONDITIONS OF THE CONTRACT FOR  
CONSTRUCTION (AIA A201 – 1987 EDITION)  
Replace with: "CD-1 CONTRACT DOCUMENTS  
FORM OF AGREEMENT BETWEEN OWNER AND  
CONTRACTOR (AIA DOCUMENT A101/CMa)  
GENERAL CONDITIONS OF THE CONTRACT FOR  
CONSTRUCTION (AIA DOCUMENT A201/CMa)
2. **Specification Section 00300 Table of Contents, Division 8 Doors and Windows:**  
Add: "08620-3 Unit Skylights"
3. **Specification Section 00300 Table of Contents, Division 9 Finishes:**  
Add: "09670 Epoxy Resin Liquid Composition Flooring"
4. **Specification Section 01400 Quality Control, Pages 1-4**  
Delete from footer: "Design Development Set"  
Replace with: "March 9, 2009"
5. **Specification Section 01410 Building Inspections, Pages 1-3**  
Delete from footer: "Design Development Set" from footer  
Replace with: "March 9, 2009"
6. **Specification Section 01410 Building Inspections, 1.04 Reports**  
Delete sentence: "Copies of Inspection Reports signed by person performing  
the inspection or test shall be submitted to Construction  
Manager, Architect, Contractor, and OSF."  
Replace with: "Copies of Inspection Reports signed by person performing  
the inspection or test shall be submitted to Construction  
Manager, Architect, and Contractor."
7. **Specification Section 01415 Special Inspections & Structural Testing,  
Pages 1-8**  
Delete from footer: "Design Development Set"

Replace with: "March 9, 2009"

8. **Specification Section 01415 Special Inspections & Structural Testing, Pages 5-8**  
Delete Pages in entirety  
Replace with attached revised pages 5-8.
9. **Specification Section 01416 Quality Assurance Plan for Seismic Requirements, Pages 1-3.**  
Delete from footer: "Design Development Set"  
Replace with: "March 9, 2009"
10. **Specification Section 08620 Unit Skylights:**  
Add: Entire Section as attached. (SEE ATTACHMENT)
11. **Specification Section 09670 Epoxy Resin Liquid Composition Flooring:**  
Add: Entire Section as attached. (SEE ATTACHMENT)
12. **Specification Section 09850 Acoustical Panels, 2.01 Manufacturers:**  
Amend 2.01.A.2 from AVL Corporation, Charlotte, NC to AVL Systems, Inc, 5540 SW 6th Place Ocala, FL (352) 1-800-228-7842.
13. **Specification Section 16 GPS Clocks, Article 3.1.:**

Add the following sub paragraph:

"F. Provide 135 clocks. 8 shall be installed in the new kindergarten addition, 100 in the existing building, 6 in corridors. 21 shall be turned over to the Owner for use in the portables and as spares. The Owner shall advise optimal locations for each clock."

## DRAWINGS:

1. **Drawing Sheet A301 – Finish Schedule:**  
Amend Finish Schedule so the following rooms receive Epoxy Resin Liquid Composition Flooring per attached Specification Section 09760 in lieu of scheduled flooring.  
  
New Rooms at existing building – Women's Toilet C128, Men's Toilet C129  
Rooms at Kindergarten Addition – Toilet Rooms E105, E109, E113, E117, E121, E124, and E125.
2. **Drawing Sheet A801 – Section Through Typical Storage Shelves:**  
Amend the detail tag from 9/A801 to 10/A801.  
Amend the 12" depth dimension to 12" at Custodial Room 123 and 16" at Storage Rooms E104, E110, E114, E118, E120, E132, and E136.
3. **Drawing Sheet M4 – HVAC Demolition Floor Plan:**

Room D112: Remove the ceiling exhaust grille and replace with new grille tagged "10" (285 cfm).

Room D111: Remove the ceiling supply diffuser and replace with new diffuser tagged "4" (440 cfm). Remove the ceiling return grille and replace with new grille tagged "16". Remove the ceiling exhaust grille in the toilet area and replace with new grille tagged "10" (180 cfm).

Room D109: Remove the ceiling exhaust grille and replace with new grille tagged "8" (80 cfm).

Room D105: Remove the ceiling supply diffuser and replace with new diffuser tagged "4" (440 cfm). Remove the ceiling return grille and replace with new grille tagged "16".

Boys Toilet adjacent to D105: Remove the ceiling supply diffuser and replace with new diffuser tagged "1" (110 cfm). Remove the ceiling exhaust grille and replace with new grille tagged "8" (150 cfm).

Dishwasher Area D122: Remove the ceiling return grille and replace with new grille tagged "22".

**4. Drawing Sheet M11 – HVAC Schedules and Details**

Include attached Grille and Diffuser Schedule (SEE ATTACHED BDM001)

**CONDITIONAL APPROVED EQUALS:** Provided all requirements of the specifications and drawings are met, add the following manufacturers and products to those approved for use on this project.

**Section 07410 – Metal Wall Panels:**

1. Metal Roofing Systems, Inc. (704-820-3310)  
Wall Panel: MRS 1000  
Soffit Panel: MRS Slimline

**Section 10100 Visual Display Boards:**

1. Newline Products, Inc. (972-881-3318)
2. Aarco Products, Inc (800-246-6038)

1.14 SCHEDULE OF SPECIAL INSPECTION AGENTS

Project Name: Chapin Elementary School – Additions and Renovations

Architect's Commission Number: 07-5020

The construction divisions which require special inspections for this project are listed below. The following firms / Individuals are designated to perform Special Inspections of the material or work for each construction division and shall be employed by the Owner.

CONSTRUCTION DIVISION	INSPECTION AGENT / FIRM	ADDRESS / TELEPHONE
<input checked="" type="checkbox"/> Soils and Foundations <input type="checkbox"/> Piles and/or Piers <input checked="" type="checkbox"/> Cast-in-Place Concrete <input type="checkbox"/> Precast Concrete <input checked="" type="checkbox"/> Masonry <input checked="" type="checkbox"/> Structural Steel <input checked="" type="checkbox"/> Cold-Formed Steel Framing <input type="checkbox"/> Spray Fire Resistant Material <input type="checkbox"/> Wood Construction <input type="checkbox"/> Exterior Insulation and Finish System <input checked="" type="checkbox"/> Mechanical & Electrical Systems <input type="checkbox"/> Architectural Systems <input type="checkbox"/> Special Cases <input type="checkbox"/> Smoke Control System <input type="checkbox"/> Metal Building Fabrication <input type="checkbox"/> Pre-Fabricated Trusses <input type="checkbox"/> Wall Panels & Veneers	To be determined	

1.15

SCHEDULE OF SPECIAL INSPECTIONS

Project Name: Chapin Elementary School - Additions and Renovations

Architect's Commission Number: 07-5020

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**Instructions**

*The Structural Engineer of Record shall determine the material and/or work on the project requiring Special Inspections. The Special Inspection requirements shall be based on Chapter 17 of the 2006 International Building Code. Any deviations from the requirements of Chapter 17 must be approved by OSF. If inspection is by "Other", the inspecting entity shall be identified by the Owner to the Contractor prior to the execution of the Contract.*

\* Following form to be completed at completion of Construction Documents.

MATERIALS	TYPE OF INSPECTION	SPECIFICATION REFERENCE	INSPECTION BY:		
			Architect	Engineer	Other
Soils	Subgrade Preparation per Soils Report	02223			X
	Fill Placement Materials	02223			X
	Fill Lift Thickness	02223			X
	In-Place Fill Density	02223			X
	Footing Bottoms	02222			X
Concrete	Material Certification	03310			X
	Rebar Placement (Periodic)	03200			X
	Verify use of Design Mix (Periodic)	03310			X
	Sample Slump, air, temperature (Cont)	03310			X
	Concrete Placement (Cont)	03310			X
	Curing (Periodic)	03310			X
	Verification of In-Situ Strength (Periodic)	03310			X
Masonry	Periodic Verification:				
	a) Site mixed mortar	04810 & 04820			X
	b) Mortar joint placement	04810 & 04820			X
	c) Mortar joint construction	04810 & 04820			X
	d) Rebar location	04810 & 04820			X
	e) Rebar placement	04810 & 04820			X
	f) Clean grout space	04810 & 04820			X
	g) Site mixed grout	04810 & 04820			X

MATERIALS	TYPE OF INSPECTION	SPECIFICATION REFERENCE	INSPECTION BY:		
			Architect	Engineer	Other
	Periodic Inspection:				
	a) Size & location of structural elements	04810 & 04820			X
	b) Type & location of anchors	04810 & 04820			X
	c) Size & type of reinforcing	04810 & 04820			X
	d) Cold / hot weather protection	04810 & 04820			X
	Verification of grout placement (Continuous)	04810 & 04820			X
	Preparation of grout & mortar specimens (Cont)	04810 & 04820			X
	Compliance with inspections and submittals (Periodic)	04810 & 04820			X
Structural Steel	Fabricator Certification / QC Procedures	05120			X
	Verification of high-strength bolts / washers (Periodic)	05120			X
	Inspection of high-strength bolting (Periodic)	05120			X
	Verification of structural steel materials	05120			X
	Verification of weld filler materials	05120			X
	Inspection of Structural Steel Welding:	05120			
	a) Welder's certifications & procedures	05120			X
	b) Single-pass < 5/16" (Periodic)	05120			X
	c) Visually inspect all completed welds	05120			X
Steel Joists	Inspection of field welds and bolts (Periodic)	05200			X
Steel Deck	Inspection of roof deck fastening (Periodic)	05300			X
Mechanical Components	Manufacturer certification required on mechanical equipment	15250		X	
	Inspection of label & anchorage of mechanical equipment (upon completion)	15250			X
	Seismic isolators, review of submittal	15250		X	
	Seismic isolators field inspection of installation (upon completion)	15250			X
	Fire Sprinkler systems installation (Periodic)	15700			X
	Manufacturer certification required on fire sprinkler system	15700		X	
	Inspection of label and anchorage of fire sprinkler equipment	15700			X

MATERIALS	TYPE OF INSPECTION	SPECIFICATION REFERENCE	INSPECTION BY:		
			Architect	Engineer	Other
Electrical Components	Grounding system - field inspection (Periodic)	16060			X
	Seismic anchorage of emergency lighting				X

SECTION 08620

UNIT SKYLIGHTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Preformed plastic skylights with integral metal frame.
- B. Integral insulated curb.
- C. Ceiling dome.
- D. Counterflashings.

1.02 RELATED REQUIREMENTS

- A. Section 05500 - Metal Fabrications: Miscellaneous steel framing for rough opening.
- B. Section 06100 - Rough Carpentry: Wood support curbs.
- C. Section 07620 - Sheet Metal Flashing and Trim: Skylight counterflashing.

1.03 REFERENCE STANDARDS

- A. ASTM B 209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate; 2007.
- B. ASTM B 209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate [Metric]; 2007.
- C. ASTM B 221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2006.
- D. ASTM B 221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes [Metric]; 2007.
- E. ASTM D 4479 - Standard Specification for Asphalt Roof Coatings - Asbestos-Free; 2007.

1.04 PERFORMANCE REQUIREMENTS

- A. Allow for expansion and contraction within system components caused by a cycling surface temperature range of 170 degrees F without causing detrimental effects to system or components.
- B. Design to withstand live loads as calculated in accordance with structural drawings.

1.05 SUBMITTALS

- A. See Section 01330 - Submittal Procedures.
- B. Product Data: Provide structural, thermal, and daylighting performance values.
- C. Shop Drawings: Indicate configurations, dimensions, locations, fastening methods, and installation details.
- D. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.

1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum 10 years documented experience.

1.07 WARRANTY

- A. See Section 01770 - Closeout Submittals, for additional warranty requirements.

UNIT SKYLIGHTS

March 9, 2009

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- B. Provide five year manufacturer warranty for including leakage due to defective skylight materials or workmanship, and one year manufacturer's warranty for annodical finish film integrity.

## PART 2 PRODUCTS

### 2.01 MANUFACTURERS

- A. Unit Skylights:
  - 1. Bristolite Skylights: [www.bristolite.com](http://www.bristolite.com).
  - 2. The Vistawall Group: [www.naturalite.com](http://www.naturalite.com).
  - 3. Wasco Products, Inc: [www.wascoproducts.com](http://www.wascoproducts.com).
  - 4. Substitutions: See Section 01600 - Product Requirements.

### 2.02 COMPONENTS

- A. Unit Skylight: Factory-assembled glazing in aluminum frame; double dome.
  - 1. Rectangular domed shape.
  - 2. Nominal Size: 48 x 48 inches.
- B. Double Glazing: Acrylic plastic; factory sealed.
- C. Frames: ASTM B 221 (ASTM B 221M) Extruded aluminum thermally broken, reinforced and welded corner joints, integral curb frame mounting flange and counterflashing to receive roofing flashing system, with integral condensation collection gutter, glazing retainer; bronze anodized finish.
- D. Support Curbs: ASTM B 209 (ASTM B 209M) Sheet aluminum, sandwich construction; 1 inch thick, 10 inches high; rigid plastic insulation; with integral flange for anchorage to roof deck.

### 2.03 ACCESSORIES

- A. Anchorage Devices: Type recommended by manufacturer, exposed to view.
- B. Counterflashings: Same metal type and finish as skylight frame.
- C. Protective Back Coating: Asphaltic mastic, ASTM D 4479 Type I.
- D. Sealant: As specified in Section 07900.

### 2.04 FABRICATION

- A. Fabricate free of visual distortion and defects.
- B. Fabricate to achieve leakproof, weathertight assembly.
- C. Fabricate components to allow for expansion and contraction with minimum clearance and shim spacing around perimeter of assembly.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify that openings and substrate conditions are ready to receive work of this section.
- C. Verify that curbs installed under other sections are complete.

### 3.02 PREPARATION

- A. Apply protective back coating on aluminum surfaces of skylight units that will be in contact with cementitious materials or dissimilar metals.

### 3.03 INSTALLATION

- A. Install aluminum curb assembly, fastening securely to roof decking. Flash curb assembly into

roof system.

- B. Place skylight units and secure to curb assembly. Install counterflashing as required.
- C. Apply sealant to achieve watertight assembly.

**3.04 CLEANING**

- A. Remove protective material from prefinished aluminum surfaces.
- B. Wash down exposed surfaces; wipe surfaces clean.
- C. Remove excess sealant.

**END OF SECTION**

SECTION 09670

EPOXY RESIN LIQUID COMPOSITION FLOORING

PART 1 GENERAL

1.01 GENERAL REQUIREMENTS

- A. Work of this Section, as shown or specified, shall be in accordance with the requirements of the Contract Documents, General and Supplementary Conditions and General Requirements.

1.02 WORK INCLUDED

- A. Work of this Section includes all labor, materials, equipment and services necessary to complete the epoxy resin liquid composition flooring and integral base as scheduled on the drawings and/or specified herein.
- B. Kitchen and Serving Area floor and base.
- C. Toilet Floors and base.

1.03 RELATED WORK

- A. Concrete – Section 03310.
- B. Division 15 – Floor drains.

1.04 SUBMITTALS

- A. General: Submit the following in accordance with Conditions of the Contract and Division 1 Specification Section 01340.
- B. Product Data: Submit manufacturer's technical data, application instructions and general recommendations for the epoxy resin composition flooring specified herein.
- C. Samples for initial selection purposes in form of manufacturer's color charts showing full range of colors and finishes available.
  - 1. Submit 2-1/2" x 4" samples of color chips from color chart selection designated by the Architect.
- D. Material certificates signed by manufacturer certifying that the epoxy resin composition flooring complies with requirements specified herein.
- E. Maintenance Instructions: Submit manufacturer's written instructions for recommended maintenance practices.

1.05 QUALITY ASSURANCE

- A. Installer Qualifications: Engage an experienced Installer or applicator who has specialized in installing resinous flooring types similar to that required for this Project and who is acceptable to manufacturer of primary material.
- B. Single-Source Responsibility: Obtain epoxy resin composition flooring materials, including primers, resins, hardening agents, and finish or sealing coats, from a single manufacturer.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in original packages and containers with seals unbroken and bearing manufacturer's labels containing brand name and directions for storage and mixing with other components.
- B. Store materials to comply with manufacturer's directions to prevent deterioration from moisture, heat, cold, direct sunlight, or other detrimental effects.

1.07 PROJECT CONDITIONS

- A. Environmental Conditions: Comply with epoxy resin composition flooring manufacturer's directions for maintenance of ambient and substrate temperature, moisture, humidity, ventilation, and other conditions required to execute and protect Work.
- B. Lighting: Permanent lighting will be in place and working before installing resinous flooring.
- C. Concrete slab moisture control: Apply compounds to concrete slabs to reduce moisture content and enhance bond of resin to slab.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Troweled epoxy resin composition flooring shall be Dex-O-Tex Cheminert "K" with Posi-Tred "O" top finish as manufactured by Crossfield Products Corp.; Rancho Domingues, California; Roselle Park, New Jersey; Hinsdale, Illinois; Moss Point, Mississippi; Tacoma, Washington.
- B. Approved Substitutions:
  - 1. Micor
  - 2. Palma (Novalac approved for kitchen and Palikrom 185 approved for all other areas).
- C. Moisture reducing compounds for concrete slab prep – As directed by epoxy resin manufacturer.

2.02 PROPERTIES

- A. Colors: As indicated, or if not otherwise indicated, as selected by Architect from manufacturer's standard colors.
- B. Physical Properties: Provide flooring system that meet or exceed the listed minimum physical property requirements when tested according to the referenced standard test method in parentheses.
  - 1. Compressive Strength (ASTM C-579) 11,000 psi
  - 2. Tensile Strength (ASTM C-307) 1,643 psi
  - 3. Flexural Modulus of Elasticity (ASTM C-580) 4,300 psi
  - 4. Water Absorption (MIL D-3134) 0.3 percent max.
  - 5. Surface Hardness (ASTM D-2240) 85.5 Durometer "D"
  - 6. Abrasion Resistance (ASTM D-1044) 0.0 gr.
  - 7. Impact Resistance (MIL-D-3134, Para 4.7.3) 0.024" max.  
No chipping, cracking, loss of adhesion
  - 8. Impact Resistance (Gardner Impact Tester)  
No chipping, cracking, or delamination and not more  
Than 0.014" indentation
  - 9. Adhesion (A.C.I. Comm. No. 503.1) 400 psi  
(100% failure in concrete)
  - 10. Electrical Conductivity (NFPA 56A) Di-electric
  - 11. Flammability-Critical Radiant Flux (ASTM E-648) Greater than 1.07 watts/cm<sup>2</sup>

### 2.03 SUPPLEMENTAL MATERIALS

- A. Waterproofing Membrane: Type recommended or produced by manufacturer of epoxy resin composition flooring system for type of service and floor condition indicated.
- B. Textured Finish Coat: Posi-Tred "O" slip retardant coating.
- C. Anti-Microbial Additive: Incorporate antimicrobial chemical additive to prevent growth of most bacteria, fungi, algae and actinomycetes.
- D. Concrete Primer: Cheminert "K" bond coat.

### 2.04 CHEMICAL RESISTANT FLOORING (CHEM-REZ "N")

- A. Provide 200 S.F. surface area under the cooking board portion of the school kitchen for this floor. Separation of flooring systems will be as directed by the Architect. Install to same 1/4" thickness in accordance with manufacturer's instructions and finish with the same skid retardant surface.

### 2.05 MANUFACTURERS

- A. Substitutions: Under Provisions of Division 0.
  - 1. Approved Substitution
    - a. Key Resin Company Key Mortar STD-HP and Key Contain STD

## PART 3 EXECUTION

### 3.01 INSPECTION

- A. Examine the areas and conditions where the epoxy resin composition flooring is to be installed and notify the Architect of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected by the Contractor in conformance with the Contract Documents.

### 3.02 PREPARATION

- A. Apply moisture reducing compound to all concrete slabs to receive epoxy composition flooring.
- B. Substrate: Perform preparation and cleaning procedures according to flooring manufacturer's instructions for particular substrate conditions involved, and as specified. Provide clean, dry and neutral substrate for flooring application.
- C. Concrete Surfaces: Shot-blast, acid etch or power scarify as required to obtain optimum bond of flooring to concrete. Remove sufficient material to provide a sound surface free of laitance, glaze, efflorescence, and any bond-inhibiting curing compounds or form release agents. Remove grease, oil, and other penetrating contaminate. Repair damaged and deteriorated concrete to acceptable condition. Leave surface free of dust, dirt, laitance, and efflorescence.
- D. Materials: Mix epoxy resin hardener and aggregate when required, and prepare materials according to flooring system manufacturer's instructions.

### 3.03 APPLICATION

- A. General: Apply each component of epoxy resin composition flooring system according to manufacturer's directions to produce a uniform monolithic flooring surface to thickness indicated.
- B. Bond Coat: Apply by brush or trowel a thin bond coat over prepared substrate at manufacturer's recommended spreading rate.
- C. Body Coat: Over primer, trowel apply epoxy mortar mix at nominal 1/4-inch thickness; hand or power trowel. When cured, sand or grind if necessary to remove trowel marks and roughness.

- D. Finish or Sealing Coat: After body coat has cured sufficiently, apply grout and finish coats of type recommended by flooring manufacturer to produce finish matching approved sample. Apply at least 2 coats.
  - 1. Final finish shall be in color and skid retardant profile in conformance with the Contract Documents.
  - 2. Finished floor shall be 1/4" thick, uniform in color and free of trowel marks.
- E. Cove Base: Apply cove base mix to wall surfaces at locations shown to form cove base height of 4 inches unless otherwise indicated. Follow manufacturer's printed instructions and details including taping, mixing, priming, troweling, sanding, and top-coating of cove base.

#### 3.04 CURING, PROTECTION AND CLEANING

- A. Cure epoxy resin composition flooring materials according to manufacturer's directions, taking care to prevent contamination during application stages and before completing curing process. Close application area for a minimum of 24 hours.

END OF SECTION

## GRILLE AND DIFFUSER SCHEDULE

MARK	SERVICE	NECK SIZE	MAX CFM	RETURN SIZE	REMARKS
①	SUPPLY	6" DIA.	110	6" DIA.	W/ BUTTERFLY DAMPER
②	SUPPLY	8" DIA.	230	8" DIA.	W/ BUTTERFLY DAMPER
③	SUPPLY	10" DIA.	360	10" DIA.	W/ BUTTERFLY DAMPER
④	SUPPLY	12" DIA.	500	12" DIA.	W/ BUTTERFLY DAMPER
⑧	RETURN	8"x8"	230	8"x8"	W/ OFF. SL. DAMPER
⑯	RETURN	16"x16"	700	16"x16"	
⑳	RETURN	22"x22"	1500	22"x16"	

GRILLE/ DIFFUSER	CEILING TYPE	MANUF.	MODEL	MATERIAL
SQUARE SUPPLY	LAY-IN	PRICE *	ASPD-3	ALUMINUM
SQUARE SUPPLY	GYP. BD.	PRICE *	ASPD-1	ALUMINUM
SQUARE RETURN	LAY-IN	PRICE *	80 TB 1/2"x1/2"x1"	ALUMINUM
SQUARE RETURN	GYP. BD.	PRICE *	80 F 1/2"x1/2"x1"	ALUMINUM

\* OR EQUAL BY CARNEGIE, METALAIR, NAILOR, KREUGER OR APPROVED EQUAL

**NOTES:** 1. GRILLE AND DIFFUSER LOCATIONS SHOWN ON FLOOR PLANS ARE APPROXIMATE, SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION.

2. GRILLES AND DIFFUSERS SHALL MATCH CEILING TYPE, SEE ARCHITECTURAL DRAWINGS FOR CEILING TYPE.

3. GRILLE AND DIFFUSER COLORS SHALL BE SELECTED BY ARCHITECT, SUBMIT COLOR SAMPLES TO ARCHITECT.



architecture | engineering | interior design

Project: CHAPIN ELEMENTARY SCHOOL

Description: ADDENDUM 1

BDM001

Scale: NONE

Job#: 07-5020

Date: 03/26/09

By: xxx