

ADDENDUM NO. 3

**DATE:** October 5, 2011

**PROJECT:** The New Fairchild Wheeler Multi-Magnet High School  
City of Bridgeport, Connecticut  
State Department of Education Project: # 015-0159MAG/N , Phase 2A

**FROM:** JCJ Architecture, PC  
38 Prospect Street  
Hartford, Connecticut 06103  
(860) 247-9226

**TO:** Bidders of Record

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated September 6, 2011. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Three (3) pages and the following attached documents:

1. Specifications.
2. Sketches.
3. RFI's and responses.

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**ADDENDUM 1 - PHASE 2A - DRAWINGS:**

1. Disregard the first sentence of item #7 of Addendum 1. Type NSA acoustic deck is correct as shown on the bid drawings.

**PROJECT MANUAL - VOLUME 2:**

1. Section **053100 - STEEL DECKING:** Delete and replace paragraph 2.3.A.3 with the following:  
“3. 3 inch deep rib deck (Type NSA), 18 gage galvanized Acoustical steel deck. Minimum acceptable metal thickness, before coating, of 18 gage deck shall be 0.045 inches.”
2. Section **053100 - STEEL DECKING:** Delete and replace paragraph 2.3.A.5 with the following:  
“5. Acoustical Perforations: Deck panels shall be fabricated with perforations in all web areas between the flutes.”
3. Section **053100 - STEEL DECKING:** Delete and replace paragraph 2.3.A.6.a.1) with the following:  
“1) Field install sound-absorbing insulation into ribs of deck.”

4. Section **057000 - DECORATIVE METAL:**

a. Add the following Subparagraph 1.4.C.3:

“3. Include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation.”

b. Add the following Subparagraphs 1.6.F and 1.6.G:

“F. Installer Qualifications: An experienced installer to assume engineering responsibility who has specialized in installing stainless steel flexible cable mesh netting similar to those indicated for this Project and who is acceptable to manufacturer.

1. Engineering Responsibility: Preparation of data for stainless steel flexible cable mesh, including Shop Drawings, based on engineering analysis of manufacturer's standard cable mesh similar to those indicated for this Project.

G. Professional Engineer Qualifications: A professional engineer who is legally qualified to practice in jurisdiction where Project is located and who is experienced in providing engineering services of the kind indicated. Engineering services are defined as those performed for installations of stainless steel flexible cable mesh that are similar to those indicated for this Project in material, design, and extent. “

c. Add the following Article 1.10.

“1.10 PERFORMANCE REQUIREMENTS:

A. Delegated Design: Design railings, including comprehensive engineering analysis by a qualified professional engineer, using performance requirements and design criteria indicated.

B. Structural Performance: Stainless steel flexible cable mesh and fasteners shall withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated:

1. Wind Loads: As indicated.
2. Snow Loads: As indicated.
3. Other Loads: As follows:

a. Concentrated Load: 250 lbf applied to stainless steel flexible cable mesh at location that produces the most severe stress or deflection.

b. Live Load: 125lbs/sf.

c. Stainless steel flexible cable mesh shall be capable of withstanding a load of 200 lb applied perpendicular at any one area on the mesh.

4. Seismic Loads: As indicated.”
5. Section **066500 - PLASTIC GLAZING:**
  - a. Delete this section and insert new attached section. 8 pages.
6. Section **071326 - SELF-ADHERED SHEET WATERPROOFING:** Delete this section.
  - a. Waterproofing is specified in Section **071326 - WATERPROOFING.**

**SKETCHES**

1. **SKS-33** Typical Magnet West Stair, Elevation - West and South Walls.
2. **SKS-34** Typical Magnet East Stair, Elevation - South Wall.
3. **SKS-35** Typical Stair Landing Connection.
4. **SKS-36** Modifications to Masonry Wall Schedule - Reference Drawings S-111 to S-156.

END OF ADDENDUM NO. 3

PART 1 - GENERAL

1.1 RELATED DOCUMENTS:

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY:

- A. This Section includes the following:
1. Monolithic acrylic glazing wall graphic at Kitchen Servery.
  2. Monolithic acrylic glazing used as panel filler at guardrail.
  3. Stainless steel standoffs and fittings.
- B. Related Sections include the following:
1. Division 01 Section "Volatile Organic Compound (VOC) Limits for Adhesives, Sealants, Paints and Coatings."
  2. Division 01 Section "Construction and Demolition Waste Management."
  3. Division 01 Section "Construction Indoor Air Quality (IAQ) Management."
  4. Division 05 Section "Decorative Metal Railings" for installation of plastic glazing panels in metal railing system.
  5. Division 08 Section "Glazing" for glass and related glazing materials.
- C. Alternates: Refer to Division 01 Section "Alternates" for description of Work in this Section affected by alternates.

1.3 LEED BUILDING GENERAL REQUIREMENTS

- A. The Owner requires the Contractor to implement practices and procedures to meet the project's environmental performance goals, which include achieving LEED Certification. Specific project goals that may impact this area of work include: use of recycled-content materials; use of locally-manufactured materials; use of low-emitting materials; construction waste recycling; and the implementation of a construction indoor air quality management plan. The Contractor shall ensure that the requirements related to these goals, as defined in the Specification Sections, are implemented to the fullest extent. Substitutions, or other changes to the work proposed by the Contractor or their Subcontractors, shall not be allowed if such changes compromise the stated LEED Building Performance Criteria.

1.4 PERFORMANCE REQUIREMENTS:

- A. Delegated Design: Design railings, including comprehensive engineering analysis by a qualified professional engineer, using performance requirements and design criteria indicated.

B. Structural Performance: Railings shall withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated:

1. Infill of Guards:

- a. Concentrated load of 50 lbf (0.22 kN) applied horizontally on an area of 1 sq. ft. (0.093 sq. m.)
- b. Infill load and other loads need not be assumed to act concurrently.

1.5 SYSTEM DESCRIPTION:

A. Provide plastic glazing sheets and glazing materials capable of withstanding normal temperature changes, wind loading, and impact loading without failure, including loss or breakage of plastic sheets attributable to the following: failure of sealants or gaskets to remain watertight and airtight, deterioration of plastic sheet and glazing materials, or other defects in materials and installation.

1.6 SUBMITTALS:

A. Product Data: For each type of plastic sheet and glazing material specified.

B. LEED BUILDING Submittal Requirements: Submit the following LEED BUILDING certification items:

1. A completed LEED BUILDING MATERIALS CERTIFICATION FORM, per Section 013300 - Submittals. Information to be supplied includes:
  - a. Material cost(s) for building materials included in contractor's or subcontractor's work. The Materials cost shall not include costs associated with contractor's or subcontractor's labor or equipment.
  - b. The amount of post consumer and/or post industrial recycled content in the supplied product(s).
  - c. The location of origin and manufacture for the supplied product(s).
2. Letters of Certification, provided from the product manufacturer on the manufacturer's letterhead, to verify the amount of recycled content.
3. Product Cut Sheets for all materials that meet the LEED BUILDING Performance Requirements this Section.
4. Material Safety Data Sheets (MSDS), for all applicable products. Applicable products include, but are not limited to adhesives, sealants, carpets, paints and coatings applied on the interior of the building. MSDS shall indicate the Volatile Organic Compound (VOC) limits of products submitted (If an MSDS does not include a product's VOC content, then product data sheets, manufacturer literature, or a letter of certification from the manufacturer can be submitted in addition to the MSDS to indicate the VOC content).

C. Shop Drawings: For each type of plastic glazing installation indicated. Show details of fabrication and installation.

- D. Samples for Initial Selection: Manufacturer's color charts consisting of sections of plastic sheets and exposed glazing materials showing the full range of colors and finishes available for each type of plastic sheet and exposed glazing material indicated.
- E. Samples for Verification: Of each color and finish of plastic sheet specified, prepared on samples 12 inches (300 mm) square and of same thickness and material indicated for final Work.
  - 1. Include 12-inch- (300-mm-) long samples of each color of exposed glazing material selected or indicated. Install glazing material sample along with plastic sheet sample between 2 strips of material representative of adjoining framing system in color.
- F. Delegated-Design Submittal: For installed products indicated to comply with performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
- G. Qualification Data: For qualified professional engineer.
- H. Material Test Reports: Indicate and interpret test results for compliance of plastic glazing with requirements indicated.
- I. Material Certificates: Certificates signed by manufacturers certifying that each plastic glazing sheet item complies with requirements.
- J. Compatibility and Adhesion Test Reports: From sealant manufacturer indicating that plastic sheet and glazing materials have been tested for compatibility and adhesion with glazing sealants and glazing channel substrates; include sealant manufacturers' written interpretation of test results relative to sealant performance and recommendations for primers and substrate preparation needed to obtain adhesion.
- K. Research/Evaluation Reports: Evidence of plastic glazing's compliance with building code in effect for Project, from a model code organization acceptable to authorities having jurisdiction.
- L. Maintenance Data: For plastic sheet materials to include in maintenance manuals specified in Division 1.

#### 1.7 QUALITY ASSURANCE:

- A. LEED Building Performance Requirements:
  - 1. Adhesives, sealants, paints or coatings used for work in this section for interior applications shall meet the requirements of Division 1, Section "VOC Limits for Adhesives, Sealants, Paints and Coatings", where applicable.
  - 2. Materials manufactured within a radius of 500 miles from the project site where all or a portion of the raw resources also originate within a radius of 500 miles shall be documented in accordance with the LEED Building Submittal Requirements of this Section.
  - 3. Materials that contain recycled content shall be documented in accordance with the LEED Building Submittal Requirements of this Section.

- B. Source Limitations: Obtain plastic glazing materials through one source from a single manufacturer for each type of plastic glazing and glazing product indicated.
- C. Glazing Publication: Comply with published recommendations of GANA's "Glazing Manual," unless more stringent requirements are indicated. Refer to this publication for definitions of glazing terms not otherwise defined in this Section or other referenced standards.
- D. Preconstruction Compatibility and Adhesion Testing: Submit to glazing sealant manufacturers samples of materials that will contact or affect glazing sealants for testing indicated below.
1. Use manufacturer's standard test methods to determine whether priming or other specific glazing channel preparation techniques are required to obtain rapid, optimum adhesion of glazing sealants to glazing channel substrates.
    - a. Perform tests under normal environmental conditions that will exist during installation.
  2. Submit not fewer than 9 pieces of each type of material, including materials forming glazing channel substrates, each type and form of plastic sheet, gaskets, glazing tape, setting blocks, spacers shims, glazing sealant backings, and miscellaneous materials.
  3. Schedule sufficient time for testing and analyzing results to prevent delaying the Work.
  4. For materials failing tests, obtain glazing sealant manufacturer's written instructions for corrective measures, including the use of specially formulated primers.
- E. Fire-Test-Response Characteristics: Provide plastic sheets identical to those tested for the following fire-test-response characteristics per test method indicated below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify plastic sheets with appropriate markings of applicable testing and inspecting agency.
1. Self-Ignition Temperature: 650 deg F (343 deg C) or more when tested per ASTM D 1929 on plastic sheets in thicknesses indicated for Work.
  2. Smoke density of 75 or less when tested per ASTM D 2843 on plastic sheets in thicknesses indicated for Work.
  3. Relative Burning Characteristics: As follows, when tested per ASTM D 635:
    - a. Burning rate of 2.5 in./min. (1.06 mm/s) or less when tested on plastic glazing indicated below with a nominal thickness of 0.060 inch (1.5 mm) or thickness indicated for use.
      - 1) Monolithic acrylic plastic glazing.
- F. Mockups: Before installing plastic sheets, construct mockups for each form of plastic sheet and glazing required to verify selections made under Sample submittals and to demonstrate aesthetic effects and qualities of materials and execution. Build mockups to comply with the following requirements, using materials indicated for completed Work.
1. Locate mockups in the location and of the size indicated or, if not indicated, as directed by Architect.

2. Notify Architect 7 days in advance of the dates and times when mockups will be constructed.
3. Demonstrate the proposed range of aesthetic effects and workmanship.
4. Obtain Architect's approval of mockups before proceeding with fabrication and installation of plastic glazing.
5. Maintain mockups during construction in an undisturbed condition as a standard for judging the completed Work.
  - a. When directed, demolish and remove mockups from Project site.
  - b. Approved mockups in an undisturbed condition at the time of Substantial Completion may become part of the completed Work.

1.8 DELIVERY, STORAGE, AND HANDLING:

- A. Comply with manufacturer's written instructions for shipping, storing, and handling plastic glazing sheets and for removing protective coverings after installation.
- B. Maintain protective coverings on sheets to avoid exposures to abrasive substances, excessive heat, and other sources of possible deterioration.

1.9 PROJECT CONDITIONS:

- A. Environmental Limitations: Do not proceed with glazing sealants if ambient and substrate temperature conditions are outside the limits permitted by glazing sealant manufacturers or when glazing channel substrates are wet because of rain, frost, condensation, or other causes.
  1. Install liquid sealants at ambient and substrate temperature conditions above 40 deg F (4.4 deg C).

PART 2 - PRODUCTS

2.1 GLAZING PLASTICS, GENERAL:

- A. Sizes: Fabricate plastic glazing sheets to sizes required. Allow for thermal expansion and contraction of plastic glazing without restraint and without withdrawal of edges from frames, with edge clearances and tolerances complying with written instructions of plastic glazing manufacturer.
- B. Thicknesses: Provide thicknesses indicated or, if not otherwise indicated, as recommended by plastic glazing manufacturer for application indicated.



2.2 MONOLITHIC ACRYLIC GLAZING:

- A. Uncoated Polyester Resin Sheet “**RP-[#]**”:
1. Category B-1 (continuously manufactured sheet).
  2. Testing:
    - a. ASTM D 2843-99 Smoke Density Rating: less than 75.
    - b. ASTM D 635-98 Combustion Rating: CC1 rating (burn less than 1" min)
    - c. ASTM D 1929-96 Self-Ignition Temperature: 650° F minimum.
    - d. ASTM E84 Tunnel Test Surface Burning Characteristics:
      - 1) Class B.
      - 2) Flame Spread: Less than 75.
      - 3) Smoke Generation: Less than 450.
    - e. ASTM D 256 Impact Strength: 1.2 ft-lbf/in. for 6mm thickness.
  3. Translucent Polyester Resin: As follows:
    - a. “**RP-1**”: Plastic glazing with graphic images at Kitchen Servery.
      - 1) Match ResinArt; Veritas, [www.veritasideas.com](http://www.veritasideas.com) tel: (877) 411-8008.
      - 2) Front Texture: Emery.
      - 3) Pattern: None.
      - 4) Color: None. Clear.
      - 5) Interlayer: Digital print.
      - 6) Color: None. Clear.
      - 7) Rear Texture: None.
      - 8) All edges polished.
      - 9) Laminated Thickness: 1/2-inch.
      - 10) Dimensions: Reference drawings.
      - 11) Images: Architect will provide digital print images in RGB or grayscale as tiff in photoshop format.
      - 12) Mounting: Glazing standoffs.
    - b. “**RP-2**”: Plastic glazing at all stair guardrail infill panels.
      - 1) Match ResinArt; Veritas, [www.veritasideas.com](http://www.veritasideas.com) tel: (877) 411-8008.
      - 2) Front Texture: Emery.
      - 3) Pattern: None.
      - 4) Color: None. Clear.
      - 5) Rear Texture: Emery.
      - 6) All edges polished.
      - 7) Glazing Thickness: 1/2-inch or as required to meet performance requirements.
      - 8) Dimensions: Reference drawings.
      - 9) Mounting: Coordinate with Section “Decorative Metal Railings.”

2.3 MISCELLANEOUS GLAZING MATERIALS:

- A. Compatibility: Provide materials with a proven record of compatibility with surfaces contacted in installation.
- B. Cleaners, Primers, and Sealers: Type recommended by manufacturer.

2.4 GLAZING STANDOFFS:

- A. General: Provide manufacturer's standard products of type indicated and complying with the following requirements:
  - 1. Point Support: Precision machined standoffs and spiders, stainless steel.
    - a. Manufacturer: 3Form or approved equivalent.
    - b. Diameter: 1-inch.
    - c. Barrel Length: 2-inches.

PART 3 - EXECUTION

3.1 EXAMINATION:

- A. Examine plastic glazing framing, with glazing Installer present, for compliance with the following:
  - 1. Manufacturing and installation tolerances, including those for size, squareness, and offsets at corners.
  - 2. Minimum required face or edge clearances.
  - 3. Effective sealing between joints of plastic glazing framing members.
- B. Do not proceed with glazing until unsatisfactory conditions have been corrected.

3.2 PREPARATION:

- A. Clean glazing channels and other framing members to receive plastic glazing immediately before glazing. Remove coatings not firmly bonded to substrates. Remove lacquer from metal surfaces where elastomeric sealants are indicated for use.

3.3 GLAZING, GENERAL:

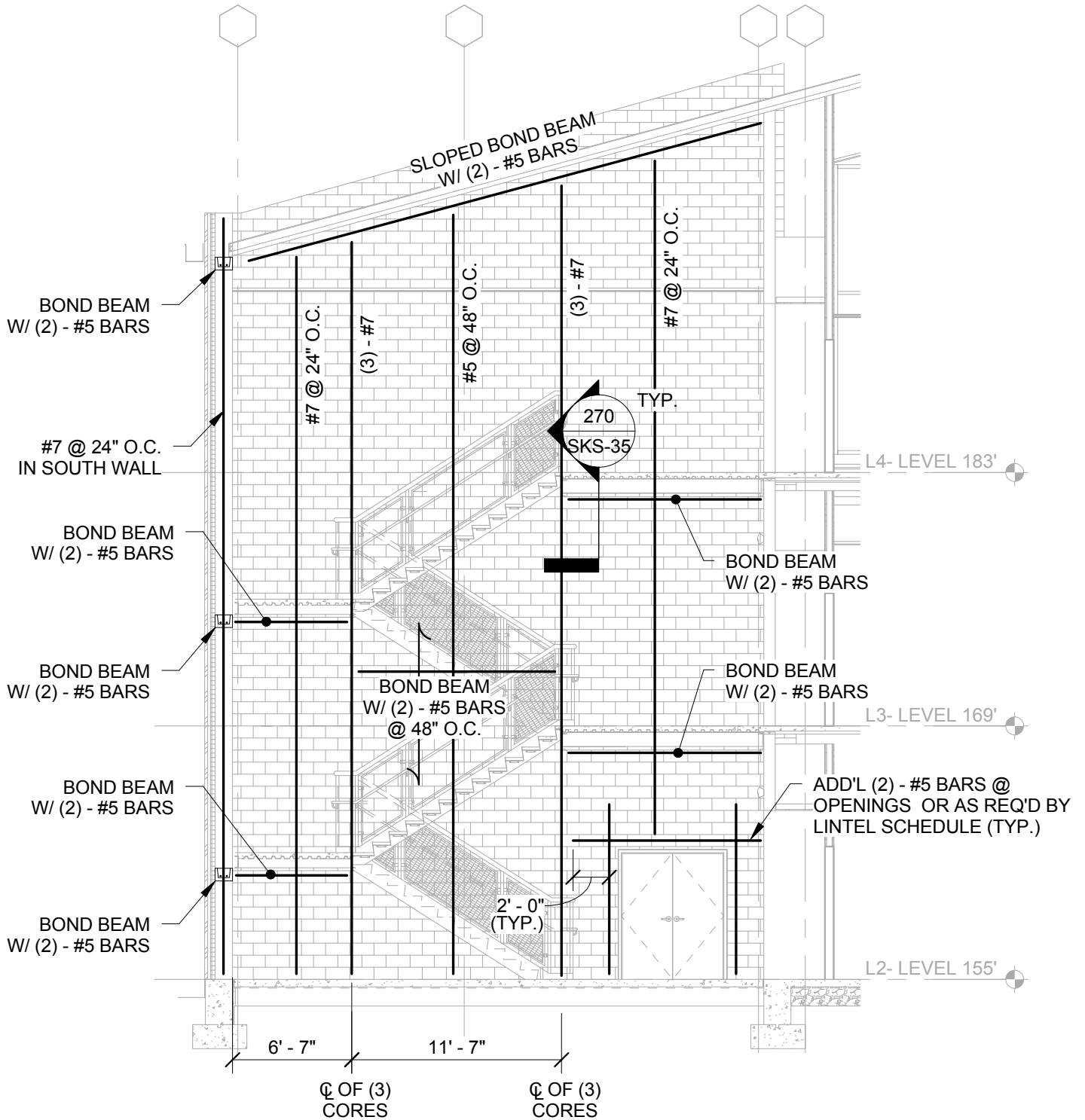
- A. Comply with combined written instructions of manufacturers of plastic glazing materials, sealants, gaskets, and other glazing materials, unless more stringent requirements are indicated, including those in referenced glazing publication.
- B. Glazing channel dimensions indicated on Drawings are designed to provide the necessary bite on plastic glazing, minimum edge and face clearances, and adequate sealant thicknesses, with reasonable tolerances. Adjust plastic glazing lites during installation to ensure that bite is equal on all sides.

- C. Remove burrs and other projections from glazing channel surfaces.
- D. Protect plastic surfaces from abrasion and other damage during handling and installation, according to the following requirements:
  - 1. Retain plastic glazing manufacturer's protective covering or protect by other methods according to plastic glazing manufacturer's written instructions.
  - 2. Remove covering at border of each piece before glazing; remove remainder of covering immediately after installation where plastic glazing will be exposed to sunlight or where other conditions make later removal difficult.
  - 3. Remove damaged plastic glazing sheets from Project site and legally dispose of off-site. Damaged plastic glazing sheets are those containing imperfections that, when installed, result in weakened glazing and impaired performance and appearance.

#### 3.4 PROTECTION AND CLEANING:

- A. Protect plastic glazing from contact with contaminating substances from construction operations. If, despite such protection, contaminating substances do come into contact with plastic glazing, remove immediately and wash by method recommended by plastic glazing manufacturer.
- B. Remove and replace plastic glazing that is broken, chipped, cracked, abraded, or damaged in other ways during construction period, including natural causes, accidents, and vandalism.
- C. Wash plastic glazing on both faces before date scheduled for inspections intended to establish date of Substantial Completion in each area of Project. Wash plastic glazing by method recommended by plastic glazing manufacturer.

END OF SECTION 066500



1 TYPICAL MAGNET WEST STAIR  
 ELEVATION - WEST AND SOUTH WALLS  
 1/8" = 1'-0"

**JCJ** ARCHITECTURE

JCJ Architecture, P.C.  
 38 Prospect Street  
 Hartford, CT 06103

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**FAIRCHILD WHEELER MULTI-  
 MAGNET HIGH SCHOOL**

CITY OF BRIDGEPORT  
 BRIDGEPORT, CT

ISSUE: 10/05/2011

JOB: H06060.00

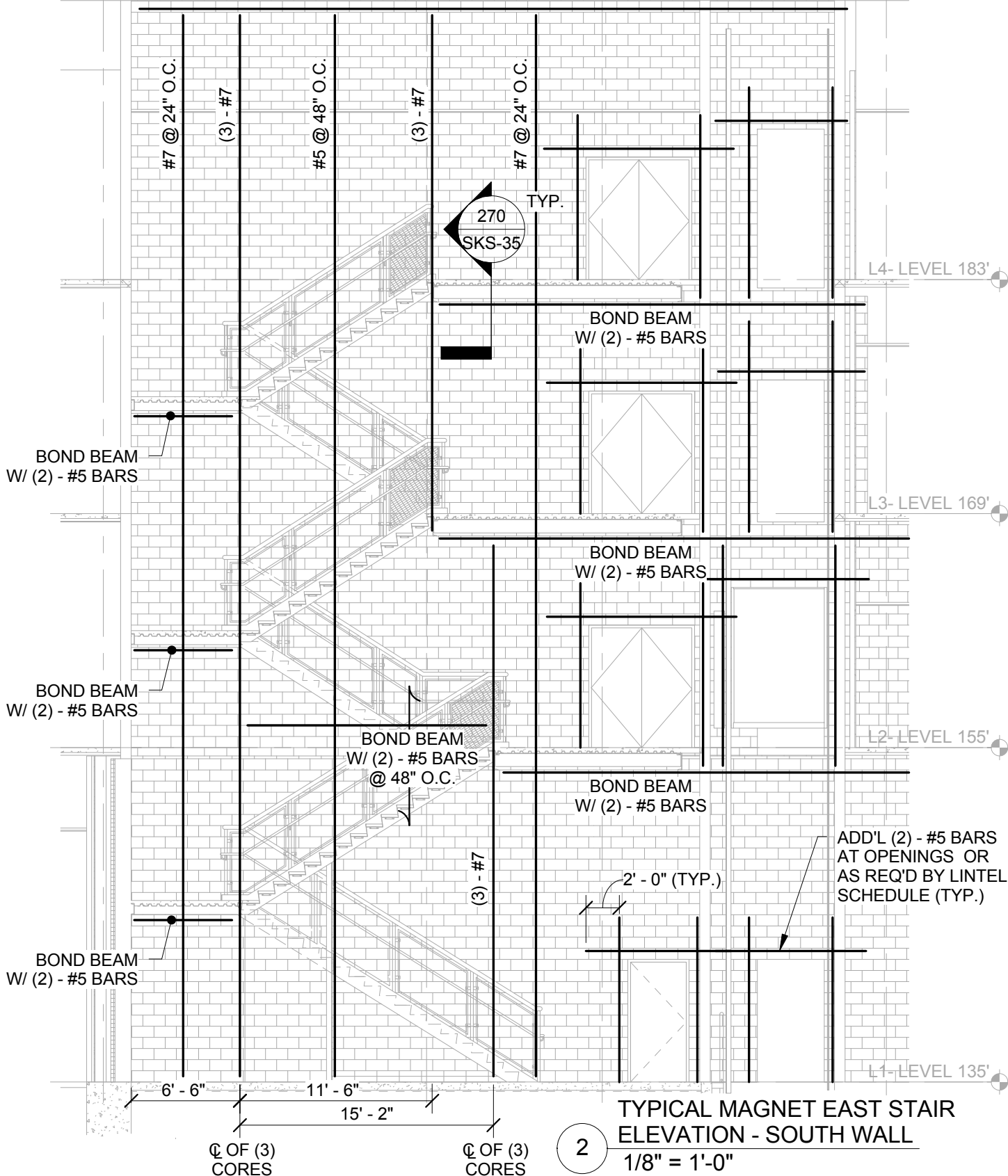
DRAWN: K.W.A.

SCALE: 1/8" = 1'-0"

PHASE 2A  
 ADDENDUM 3

**SKS-33**

BOND BEAM  
W/ (2) - #5 BARS



TYPICAL MAGNET EAST STAIR  
ELEVATION - SOUTH WALL  
1/8" = 1'-0"

**JCJ** ARCHITECTURE

JCJ Architecture, P.C.  
38 Prospect Street  
Hartford, CT 06103

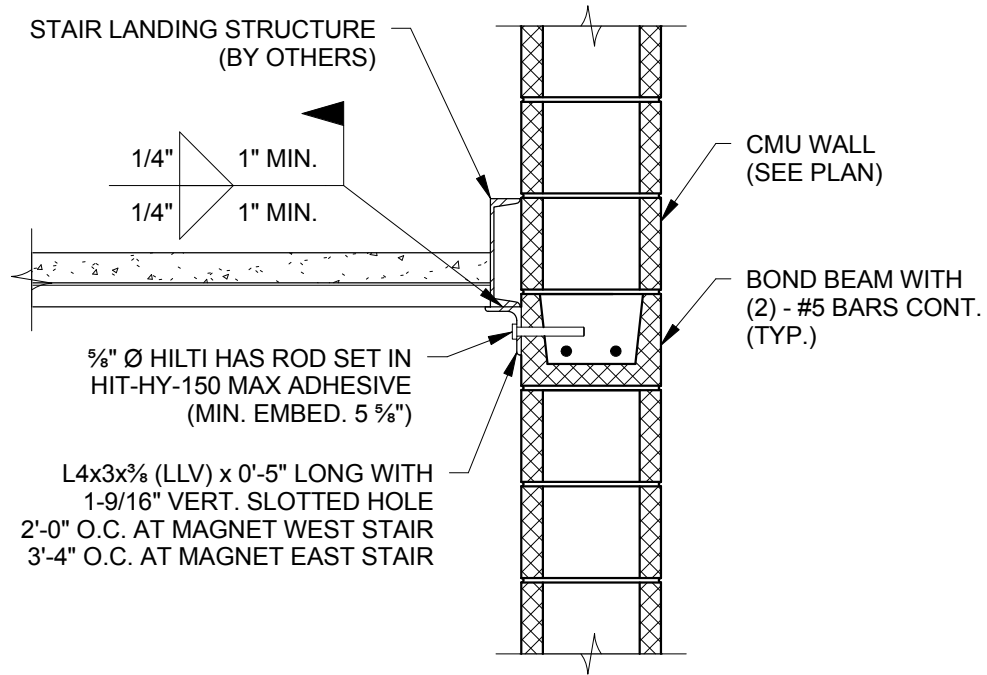
**FAIRCHILD WHEELER MULTI-  
MAGNET HIGH SCHOOL**

CITY OF BRIDGEPORT  
BRIDGEPORT, CT

ISSUE: 10/05/2011  
JOB: H06060.00  
DRAWN: K.W.A.  
SCALE: 1/8" = 1'-0"

PHASE 2A  
ADDENDUM 3

**SKS-34**



NOTE: TYPICAL ALONG THREE SIDES OF STAIR LANDINGS AT ALL LEVELS.

270 TYPICAL STAIR LANDING CONNECTION  
3/4" = 1'-0"

**JCJ** ARCHITECTURE

JCJ Architecture, P.C.  
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Hartford, CT 06103

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**FAIRCHILD WHEELER MULTI-MAGNET HIGH SCHOOL**

CITY OF BRIDGEPORT  
BRIDGEPORT, CT

ISSUE: 10/05/2011

JOB: H06060.00

DRAWN: K.W.A.

SCALE: 3/4" = 1'-0"

PHASE 2A  
ADDENDUM 3

**SKS-35**

## MASONRY WALL SCHEDULE

WALL	THICKNESS	VERT. REINF.	REMARKS
MW1	8"	#5 @ 48" O.C.	
MW2	8"	#5 @ 32" O.C.	B.B. W/ 2 - #5 AT RAIL BRACKET LOCATIONS
MW3	10"	#5 @ 32" O.C.	B.B. W/ 2 - #5 AT RAIL BRACKET LOCATIONS
MW4	10"	#4 @ 48" O.C.	ACOUSTICAL BLOCK
MW5	12"	#5 @ 48" O.C.	
MW6	12"	#7 @ 24" O.C. E.F.	
MW7	12"	#7 @ 24" O.C.	SEE ELEVATIONS ON SKS-33 AND SKS-34 FOR ADDITIONAL REINFORCING
MW8	8"	#6 @ 24" O.C.	

### NOTES:

1. PROVIDE BOND BEAMS WITH 2 - #5 CONT. BARS AT TOP OF ALL WALLS AND WHERE SHOWN IN SECTION.
2. PROVIDE 2 - #5 CONT. BARS (NOT INTERRUPTED BY LINTEL BEARING REQUIREMENTS) AT BOTH SIDES OF DOOR AND WINDOW OPENINGS AND AT ENDS OF WALLS AND ADJACENT TO COLUMNS.
3. PROVIDE 2 - #5 BARS MINIMUM ABOVE AND BELOW ALL WINDOW OPENINGS AND ABOVE ALL DOOR OPENINGS. PROVIDE ADDITIONAL BARS ABOVE DOORS AND WINDOWS AS REQUIRED IN ACCORDANCE WITH THE LINTEL SCHEDULE.
4. PROVIDE STANDARD LADDER TYPE DESIGN DUR-O-WALL HORIZONTAL REINFORCING AT 16" O.C. VERTICALLY.

REF. SHEETS: S-111 TO S-156

### JCJ ARCHITECTURE

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## FAIRCHILD WHEELER MULTI- MAGNET HIGH SCHOOL

CITY OF BRIDGEPORT  
BRIDGEPORT, CT

ISSUE: 10/05/2011

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DRAWN: K.W.A.

SCALE: 3/4" = 1'-0"

PHASE 2A  
ADDENDUM 3

# SKS-36

# Fusco Corporation

555 Long Wharf  
Suite 14  
New Haven, CT 06511

## REQUEST FOR INFORMATION

No. PB00014

Phone: 203-777-7451

**TITLE:** PB RFI #13 - Misc Metals 2

**DATE:** 9/30/2011

**PROJECT:** Multi-Magnet High School

**JOB:** 0301

**TO:** Attn: Daniel S. LaMontagne  
JCJ Architecture  
38 Prospect Street  
Hartford, CT 06103  
Phone: 860.240.9383

**STARTED:**

**COMPLETED:**

**REQUIRED:** 10/7/2011

1) Overhead door details: Dwg 3/A-204 shows cut section 3/A-235; which shows a HSS tube above the overhead door and refers to the structural drawings for size. Detail 5/A-516 shows HSS tube above the OH also. Dwg S-510 lintel schedule calls for an S beam. Please clarify if the HSS tube or S beam is required above OH doors.

1a) Please confirm if all OH doors should receive a steel lintel.

1b) Please confirm if steel jambs are not required.

2) Lintel Clarification: "A" drwg door details do not show angles; but cut section 2/A323 shows angles with plate. Please confirm that all doors in CMU walls require steel lintels.

3) Metal Ladders: Spec section 05500 2.9 calls for metal ladders fabricated out of steel. Dwg A-591 shows ladders fabricated out of aluminum. Should the ladders on drawing A-591 be fabricated from steel per scope & spec or from aluminum per A-591?

4) Please reference mechanical details on S-113. Please verify if rails and a ladder are required at the mechanical platform. If yes, please provide details.

5) Section 5/A-420 shows deck landings and section 6/A-420 shows metal pan landings at the same stair (Magnet East Stair plan view on A-421). Please clarify stair construction.

**Requested By:** Fusco Corporation

**Date:** \_\_\_\_\_

**Signed:** \_\_\_\_\_  
Ben Fenney

### ANSWER:

1. Provide S- Beam per Lintel Schedule

1a. All overhead doors in masonry walls shall receive lintels per schedule on S-510

1b. Steel Jambs not required

2. Provide lintels on all openings per S-510

3. Ladders shall be fabricated per Specification section 055000 - Ladders will not be aluminum.

4. No rails or ladders are required.

5. Stair landings shall be metal pan landings, per 6/A-420

**Answered By:** JCJ Architecture

**Date:** 10/5/2011

**Signed:** Daniel LaMontagne  
Daniel S. LaMontagne



# Fusco Corporation

555 Long Wharf  
Suite 14  
New Haven, CT 06511

## REQUEST FOR INFORMATION

No. PB00015

Phone: 203-777-7451

**TITLE:** PB RFI #15 - Misc Metal Systems

**DATE:** 9/30/2011

**PROJECT:** Multi-Magnet High School

**JOB:** 0301

**TO:** Attn: Daniel S. LaMontagne  
JCJ Architecture  
38 Prospect Street  
Hartford, CT 06103  
Phone: 860.240.9383

**STARTED:**

**COMPLETED:**

**REQUIRED:** 10/7/2011

1) The plastic glazing infill panel manufacturer specified has informed us that maximum panel thickness is 2" Please confirm that 2" panels are acceptable.

1a) Please provide an interlayer image for the plastic glazing infill panels.

2) Carl Stahl-Decorable has advised us that the system specified (057000) may be too light for this area. Please review if a heavier system is required.

2a) Please provide a mounting detail for the system.

3) Handrail: detail 1/A-451 shows a handrail at 2'-10" along the stair and along the opening. Is the 2'-10" hand rail required at all guardrail locations?

**Requested By:** Fusco Corporation

**Date:** 9/30/2011

**Signed:** \_\_\_\_\_  
Ben Fenney

### ANSWER:

1. See updated specification for clarification. I assume the maximum thickness in this question shall read 1/2", which we have modified in the specification to read at 1/2".
  - 1a. The interlayer image has not been determined as of the date of this RFI. TBD. Guardrails do not receive the interlayer image. See updated specification for clarification.
2. Pat Kelly from "Carl Stahl-Decorable" has indicated that based on the use, the specified system will work sufficiently. Per code, the openings need to be protected for fall protection. The guardrails at the top of the wall provide this protection, but the garage needs to also be secured for security, which this system provides. Additionally, this system is a secondary method of fall protection, but NO tensile analysis has been performed for maximum load. Addendum #3 will require that the selected bidder provide an analysis of maximum loading based on OSHA standards as part of the Submittal.
  - 2a. Mounting detail for this system shall be by the manufacturer's standard. Typically eyelet bolts are set into concrete along the perimeter at a set spacing and depth as required per the manufacturer. Either chemical or mechanical anchors are provided at concrete holes to be drilled per the size of bolts required by manufacturer.
3. ONLY the stairs require the handrails where this guardrail is indicated.

**Answered By:** JCJ Architecture

**Date:** 9/30/2011 10/5/2011

**Signed:** Daniel LaMontagne  
Daniel S. LaMontagne

# Fusco Corporation

555 Long Wharf  
Suite 14  
New Haven, CT 06511

Phone: 203-777-7451

## REQUEST FOR INFORMATION

No. PB00016

**TITLE:** PB RFI #16 - Rooftop Unit Dunnage

**DATE:** 9/30/2011

**PROJECT:** Multi-Magnet High School

**JOB:** 0301

**TO:** Attn: Daniel S. LaMontagne  
JCJ Architecture  
38 Prospect Street  
Hartford, CT 06103  
Phone: 860.240.9383

**STARTED:**

**COMPLETED:**

**REQUIRED:** 10/7/2011

1) 3/A-521 shows a typical detail for a 4" galv dunnage support. S-131 references mechanical drawings. Rooftop "A" drawings show "mechanical rooftop units on dunnage." Please provide a detail that shows mechanical support dunnage or an existing detail that should be cross-referenced.

**Requested By:** Fusco Corporation

**Date:** 9/30/2011

**Signed:** \_\_\_\_\_  
Ben Fenney

### ANSWER:

1. Detail 3/A-521 does not apply. Mechanical rooftop units shall be on continuous curbs per notes on "M" series drawings. (For example - sheet M-151 - RTU-1(GYM) Mount on vibration acoustical roof curb rated for seismic. At low point of roof curb and roof intersection, curb shall be a minimum 18" high.)

**Answered By:** JCJ Architecture

**Date:** 10/5/2011  
9/30/2011

**Signed:** Daniel LaMontagne  
Daniel S. LaMontagne

# Fusco Corporation

555 Long Wharf  
Suite 14  
New Haven, CT 06511

## REQUEST FOR INFORMATION

No. PB00017

Phone: 203-777-7451

**TITLE:** PB RFI #17 - Dampproofing

**DATE:** 10/5/2011

**PROJECT:** Multi-Magnet High School

**JOB:** 0301

**TO:** Attn: Daniel S. LaMontagne  
JCJ Architecture  
38 Prospect Street  
Hartford, CT 06103  
Phone: 860.240.9383

**STARTED:**

**COMPLETED:**

**REQUIRED:** 10/12/2011

- 1) Please clarify locations where HDPE sheet vs. fluid applied waterproofing shall be used (see questions below).
- 2) Specs call for HDPE sheet below all concrete slabs and footings. Drawings do not indicate this; please confirm the intent.
- 3) Please confirm that detail 15/S-501 is referencing specification section 07210 vapor barriers.
- 4) What waterproofing system shall be used at the elevator pits and does it extend underneath the pit slab?
- 5) Which waterproofing system is applied to the harvest tank walls (60/S-505)?
- 6) When waterproofing is called for at exterior building walls; is the intent to use fluid applied waterproofing?

**Requested By:** Fusco Corporation

**Date:** 10/5/2011

**Signed:** \_\_\_\_\_  
Ben Fenney

### ANSWER:

1. HDPE sheet shall be installed under slabs of ALL elevator pit slabs and footings. Fluid applied waterproofing shall be used on all below grade vertical walls.
2. All other concrete slabs on grade shall receive Under Slab Vapor Barrier membrane per spec. section 071210.
3. This detail is referring to spec. section 071210 - Under Slab Vapor Barrier.
4. HDPE sheet shall be applied under the elevator slab, but the vertical walls below grade shall be fluid applied waterproofing.
5. Reference to waterproofing system on interior of harvest tank walls does not apply. No waterproofing is required on interior of harvest tank walls.
6. Use fluid applied waterproofing on all below grade vertical walls.

**Answered By:** JCJ Architecture

**Date:** 10/5/2011

**Signed:** Daniel LaMontagne  
Daniel S. LaMontagne

# Fusco Corporation

555 Long Wharf  
Suite 14  
New Haven, CT 06511

Phone: 203-777-7451

## REQUEST FOR INFORMATION

No. PB00018

**TITLE:** PB RFI #18 - Loading Dock Railing

**DATE:** 10/5/2011

**PROJECT:** Multi-Magnet High School

**JOB:** 0301

**TO:** Attn: Daniel S. LaMontagne  
JCJ Architecture  
38 Prospect Street  
Hartford, CT 06103  
Phone: 860.240.9383

**STARTED:**

**COMPLETED:**

**REQUIRED:** 10/12/2011

A "proposed 4' handrail" is shown on C-302 and 88/S-508 south of Area C and East of the loading dock area. There do not appear to be any details on the A or L drawings. S drawings reference A drawings. Please provide a detail of the anticipated railing at this location; including material shape and size.

**Requested By:** Fusco Corporation

**Date:** 10/5/2011

**Signed:** \_\_\_\_\_  
Ben Fenney

### ANSWER:

Provide a guardrail per detail 5/A-594, and change railing height as indicated on detail (4'-6" high). Core vertical posts into concrete.

**Answered By:** JCJ Architecture

**Date:** 10/5/2011

**Signed:** Daniel LaMontagne  
Daniel S. LaMontagne