

<Addendum>

NJ School Development Authority
Northern Region Office
375 McCarter HWY
Newark, NJ 07114
Phone: 973-648-8486
Fax: 609-656-4647

Date: 3/16/2009

PROJECT #: PA-0026-C01

DESCRIPTION: Interior renovations to existing medical office building for conversion to Kindergarten Center

Addendum No. 1

This addendum shall be considered part of the Bid Documents issued in connection with the referenced project. Should information conflict with the Bid Documents, this Addendum shall supercede the relevant information in the Bid Documents

This addendum is issued to all known Bidders and consists of pages 1 through 14, Addendum Attachments 1 through 5 and the following specification sections:

Section 02821 – Chain-Link Fences and Gates

Pages 1-4

Section PLYGRD – Playground Equipment/Playground Safety Surfacing

Pages 1-4

The Addendum is issued for the purpose of amending certain requirements of the Contract Documents, as noted hereinafter, and is hereby made an integral part of the Contract Documents for the above referenced project. Statements made herein shall amend, supersede and take precedence over any made in previously issued documents including previously issued addenda, if any. Unless specifically noted or specified hereinafter, all work shall conform to the applicable provisions of the Contract Documents.

ITEM # 1 - SECTION 06100 – ROUGH CARPENTRY

All known bidders are hereby advised that Section 06100 – Rough Carpentry, Revised shall include the following:

WOOD-PRESERVATIVE-TREATED LUMBER

- A. Preservative Treatment by Pressure Process: AWPA C2, except that lumber that is not in contact with the ground and is continuously protected from liquid water may be treated according to AWPA C31 with inorganic boron (SBX).
 - 1. Preservative Chemicals: Acceptable to authorities having jurisdiction and containing no arsenic or chromium.
- B. Kiln-dry lumber after treatment to a maximum moisture content of 19 percent.
- C. Mark lumber with treatment quality mark of an inspection agency approved by the ALSC Board of Review.
- D. Application: Treat all rough carpentry, unless otherwise indicated or items indicated on Drawings, and the following:
 - 1. Wood cants, nailers, curbs, equipment support bases, blocking, stripping, and similar members in connection with roofing, flashing, vapor barriers, and waterproofing.
 - 2. Wood sills, sleepers, blocking, furring, stripping, and similar concealed members in contact with masonry or concrete.
 - 3. Wood framing and furring attached directly to the interior of below-grade exterior masonry or concrete walls.
 - 4. Wood framing members that are less than 18 inches above the ground in crawlspaces or unexcavated areas.
 - 5. Wood floor plates that are installed over concrete slabs-on-grade.

ITEM # 2 - SECTION 02831 – ORNAMENTAL FENCE & GATES

All known bidders are hereby advised that Specification Section 02831 – Ornamental Fence & Gates, is hereby deleted in its entirety.

ITEM # 3 - SECTION 02821 – CHAIN-LINK FENCES & GATES

All known bidders are hereby advised that Specification Section 02821 (Pages 1-4) – Chain-Link Fences & Gates is hereby made a part of the project specifications.

ITEM # 4 - SECTION 07620 – SHEET METAL FLASHING AND TRIM

All known bidders are hereby advised that Specification Section 07620 Sheet Metal Flashing and Trim shall reflect the following:

- Add: 2.7, D., 1., a. Where aluminum is in contact with cementitious (non-compatible) mortar, first coat with bituminous paint.
- Delete: 2.7, F., 1.-5.
- Delete: 3.2, A.

ITEM # 5 – SECTION 08411 - ALUMINUM-FRAMED ENTRANCES & STOREFRONTS - ALUMINUM DOOR CLARIFICATION

All known bidders are hereby advised that Specification Section 08411 – Aluminum-Framed Entrances & Storefronts, shall reflect the following:

- Change: 2.5, A., 2. Door Design: the specified Aluminum Door shall have a 6” stile, in lieu of specified 2-1/8” stile.
- Add: 2.5, A., 2., b. Bottom rail of Aluminum Door shall be high enough to accommodate a 10” kick plate.

ITEM # 6 – SECTION 08520 ALUMINUM WINDOWS - CLARIFICATION

All known bidders are hereby advised that Specification Section 08520 – Aluminum Windows, shall reflect the following:

- Change: 1.4, B., 1. Design and wind velocity at Project site is 90 mi./hr.

ITEM # 7 – SECTION 09260 - GYPSUM BOARD ASSEMBLIES - TRIM CLARIFICATION

All known bidders are hereby advised that Specification Section 09260 – Gypsum Board Assemblies shall reflect the following:

- Change: 2.5, A., 2.c. Trim shape shall be spackle or muddable type.

ITEM # 8 – SECTION 09680 - CARPET - INSTALLATION CLARIFICATION

All known bidders are hereby advised that Specification Section 09680 – Carpet shall reflect the following:

- Delete: 3.3, B. – G.

(Note: Installation shall be Direct-Glue-Down.)

ITEM # 9 – SECTION 09900 PAINTING - CLARIFICATION

All known bidders are hereby advised that Specification Section 09900 – Painting shall reflect the following:

- Change: 3.7, D., 1. Eggshell Emulsion Finish: Two coats.
 3.7, D., 1. b. First and Second Coats: Interior, eggshell, latex based paint.
- Delete: 3.7, D., 2. a.-b.

ITEM # 10 – C-100 – SITE PLAN DRAWING

All known bidders are hereby advised the attached revised Addendum Attachment #1 to amend project drawing sheet No. C-100 as follows:

1. All references to fencing shall be new chain link fencing as specified in Section 02821 and shall be 8 ft. in height above grade typical.
2. At existing 30" high masonry wall (south end of parking lot) fence posts shall be core-drilled into existing masonry wall (minimum of 18" depth) with solid grouting typical.
3. Two (2) specified sliding gates (16' Ft.), Addendum Attachment #1, Page 1, shall be provided and installed as per Addendum Attachment #1, Page 2 and Specification Section 02821 – Chain-Link Fences and Gates.
4. Paving shall be provided and installed in parking areas as indicated per Addendum Attachment #1, Page 2.
5. Playground Equipment to be located and placed in area adjacent to building as indicated per Addendum Attachment #1, Page 2. (Approximate size: 21'x96.5')
6. Playground Safety Surfacing to be located and placed in area adjacent to building as indicated per Addendum Attachment #1, Page 2. (Approximate size: 21'x96.5')

ITEM # 11 – SPECIFICATION SECTION 18000 – COMMISSIONING REQUIREMENTS

All known bidders are hereby advised that Section 18000 – Commissioning Requirements is hereby deleted in its entirety.

ITEM # 12 – REVISED SYMBOLS LIST – DRAWING H-100 – HVAC FLOOR PLAN & SCHEDULE

All known bidders are hereby advised that Addendum Attachment #2 shall replace the symbols list on drawing H-100 dated 12/29/08.

ITEM # 13 – DRAWING E-200 – REVISED LIGHTING FIXTURE SCHEDULE

All known bidders are hereby advised that the Lighting Fixture Schedule on Drawing E-200 shall reflect the following:

1. Amend Type G Include: 7'6" A.F.F.
2. Amend Type J to Include: 11'4" A.F.F.
3. Amend Type H: Description: 9"x2' surface or pendant mounted fluorescent fixture with acrylic prismatic wrap-around lens.

Manufacturer and Catalog Number:

Columbia No. AWN2-217-EB8RLHUNY-PAF or approved equal by Metalux or DayBrite.

Voltage: 120/277

Lamps: No.-2 Code-F17T8/TL835

ITEM # 14 – DRAWING T-111 - FLOOR PLAN - CLARIFICATION

All known bidders are hereby advised to delete one specified card reader at rear door entrance door and add one card reader (and associated wiring, connections) at main entrance.

1. Specified magnetic locks at rear entrance doors shall be changed to electric strike type door control.

ITEM # 15 – DRAWING S-1 - STRUCTURAL - CLARIFICATION

All known bidders are hereby advised to:

Delete Note No. 2 on drawing S-1 dated 12/29/08:

"For details of existing structure refer to previous structural drawings S-1 & S-2 dated Mar. '87 by Ferrenz, Taylor, Clark & Associates.

Amend the existing Note:

"Repair/replace existing cracked facing blocks at these locations to match existing uncracked sections." For bidding purposes, 100 SF of facing block is to be replaced.

ITEM # 16 – DRAWING A-303 - ROOF DETAILS

All known bidders are hereby advised that the existing roof deck is metal.

ITEM # 17 – DRAWING A-402 – FLOOR FINISH PLAN - CLARIFICATION

All known bidders are hereby advised that:

1. The ceiling in the Security Room (No. 109B) shall be painted gypsum drywall.
2. All ceramic wall tile in restrooms (101A, 103A, 105A, 107A, 108 & 109) shall be deleted and wall finish shall be painted gypsum wallboard.

ITEM # 18 – METAL BUILDING SIGNAGE CLARIFICATION

All known bidders are hereby advised that exterior metal lettering shall be specified clear anodized finish typical. Existing lettering on building shall be removed.

ITEM # 19 – THIS ITEM INTENTIONALLY LEFT BLANK

ITEM # 20 – SECTION 16721 – FIRE ALARM SYSTEM - CLARIFICATION

All known bidders are hereby advised that specification Section 16721 – Fire Alarm System, shall reflect the following:

- | | | |
|---------|--------------|--|
| Delete: | 2.20, D., 3. | (Reference to material substitution. See SDA General Conditions for substitution procedure.) |
| Change: | 2.5, A., 2. | Up to 50 Intellegent Smoke Detectors and 50 Intelligent Modules per SDC. |

ITEM # 21 – SECTION 17130 – INTERIOR COMMUNICATIONS PATHWAYS – CABLE TRAY CLARIFICATION

All known bidders are hereby advised that Specification Section 17130 – Interior Communications Pathways, shall reflect the following change:

- | | |
|---------|----------------|
| Delete: | 2.1, F., 1.-5. |
|---------|----------------|

ITEM # 22 – SECTION 17180 – CUTOVER & TRAINING - CLARIFICATION

All known bidders are hereby advised that Specification Section 17180 – Cutover & Training, shall reflect the following change:

- | | | |
|---------|---------|---|
| Change: | 3.2, A. | Contractor shall provide eight (8) hours of training and orientation of customer Technology personnel to new cable plant. |
|---------|---------|---|

ITEM # 23 – SECTION 17330 – VOICE MESSAGING SYSTEM - CLARIFICATION

All known bidders are hereby advised that Specification Section 17330 – Voice Messaging System, shall reflect the following change:

Change: 1.1, E. The Voice Mail system will be capable of expansion to forty (40) Mailboxes.

ITEM # 24 – SECTION 17760 – MASTER CLOCK SYSTEM - CLARIFICATION

All known bidders are hereby advised the specified clocks for this project shall be amended to be analog clocks.

Delete: 2.6, A.-O.

ITEM # 25 – SECTION 10520 – FIRE PROTECTION SPECIALTIES - CLARIFICATION

All known bidders are hereby advised that Specification Section 10520 – Fire Protection Specialties, shall reflect the following changes:

Delete: 2.3, C.
Change: 2.4, A. 10. Strike First Corporation of America
2.4, B. Cabinet Type: Suitable for fire Extinguisher, flush mounted, rectangular type. Strike First Corporation of America Model APEX A-206 Surface Mounted (12"Wx27"Hx8D") or approved equal.

ITEM # 26 – SECTION 07531 – EPDM SINGLE-PLY MEMBRANE ROOFING - REVISION

All known bidders are hereby advised that Specification Section 07531 – EPDM Single-Ply Membrane Roofing, shall reflect the following changes:

Add: 1.4, C., 1., b. Adhere to applicable NRCA standards.
Add: 1.9, B., 2. Contractor Warranty: In addition to 15-year manufacturers warranty, contractor shall provide one-year contractors warranty.
Change:

2.4 INSULATION MATERIALS

- A. General: Provide preformed polysiocyanurate roof insulation boards that comply with requirements, selected from manufacturer's standard sizes and of thicknesses indicated.
 - 1. Provide preformed polysiocyanurate, tapered insulation boards where indicated for sloping to drain. Fabricate with the following taper:
 - a. 1/4 inch per 12 inches, unless otherwise indicated.
 - b. Minimum thickness shall be 2".

2. Provide preformed saddles, crickets, tapered edge strips, and other insulation shapes where indicated for sloping to drain. Fabricate to slopes indicated.

ITEM # 27 – SECTION 07720 – ROOF ACCESSORIES - ROOF HATCH CURB CLARIFICATION

All known bidders are hereby advised that Specification Section 07720 – Roof Accessories shall reflect the following:

Change: 2.6, A., 8. Fabricate units a minimum of 8" above level of roof insulation.

ITEM # 28 – SECTION 08710 – DOOR HARDWARE

All known bidders are hereby advised that Section 08710 – Door Hardware, shall reflect the following:

1. Exterior entrance door , V-101, (entrance double doors) shall be hardware set #1, not set #3 as shown on drawing schedule.
2. Door V-100, rear entrance, shall contain components of hardware set #1 with quantity adjusted for single leaf and deleting reference to mullion.
3. Hardware sets for all exterior doors shall include electric strikes for card readers to be supplied by the district.

ITEM # 29 – SECTION 17030 – ADMINISTRATIVE REQUIREMENTS

All known bidders are hereby advised that Specification Section 17030 – Administrative Requirements, shall reflect the following:

Delete: 1.1, B., 2.
Delete: 1.1, C.
Delete: 1.2, B.
Delete: 1.4, A.
Delete: 1.5, A., 1.-3.
Delete: 1.6, A.
Delete: 1.7, A., 1.-4.
Delete: 1.8, A.
Delete: 1.9, A.
Delete: 1.14, A.-B.

ITEM # 30 – SECTION 17050 – SITE SPECIFIC REQUIREMENTS

All known bidders are hereby advised that Specification Section 17050 – Site Specific Requirements, is hereby deleted in its entirety.

ITEM # 31 – SECTION 17060 – CUTOVER AND TRAINING

All known bidders are hereby advised that Specification Section 17060 – Cutover and Training, shall reflect the following changes:

Delete: 3.2, C.-F.

ITEM # 32 – METAL ROOF LADDER

All known bidders are hereby advised that a Metal Roof Ladder shall be installed in Room 104A for roof hatch access. See Addendum Attachment #3

ITEM # 33 – COUNTERTOP / SINK CLARIFICATION

All known bidders are hereby advised to see Addendum Attachment #4 “Countertop / Sink @ Room 114”.

ITEM # 34 – A-102 ROOF PLAN - CLARIFICATION

All known bidders are hereby advised of the following:

- A. Provide fully adhered 24” x 24” rubber roof walkway pads, continuous path from roof hatch to each rooftop unit.
- B. Additional exhaust fan location, not shown on A-102, near east parapet for exhaust fan EF-11 as shown on H-100 at Mechanical Room 109A.
- C. For bidding purposes, provide a minimum of two (2) built-up roof crickets at each new rooftop unit as called out on A-102.
- D. See detail for overflow roof drain on Addendum Attachment #5.

ITEM # 35 – LIGHTING CLARIFICATION

All known bidders are hereby advised that locations and quantities of Exit light fixtures shall be as shown on Sheet E-300L.

ITEM # 36 – SECTION 11400 - KITCHEN EQUIPMENT

All known bidders are hereby advised that Specification Section 11400 - Kitchen Equipment shall reflect the following:

Available Manufacturers: Sources include the following or approved equal.

- 1. USA Restaurant Equipment
- 2. Advance Tabco
- 3. Blodgett

4. Hatco
5. Piper Products
6. Continental Refrigerator
7. Glove Food Equipment Co.
8. Halton

A. Stainless-Steel Sink:

1. Basis-of-Design Product: Regaline sink by Advance Tabco Model # 93-63-54-36RL (930 Series) or approved equal.
2. Description: Three-compartment sink.

B. Stainless-Steel Tables:

a. Basis-of-Design Products:

- 1) (2) Two work tables by Advance Tabco, SS-Series, Model # SS-308, or approved equal.
- 2) Work table by Advance Tabco, SS-Series, Model # SS-366, or approved equal.
- 3) Work table by Advance Tabco, SS-Series, Model # SS-246, or approved equal.

C. Stainless-Steel Hand Sink:

1. Basis-of-Design Product: Advance Tabco, Model # 7-PS-60, or approved equal.

D. Oven:

1. Basis-of-Design Product: Model Mark V (Double unit), full size electric convection oven by Blodgett or approved equal.

E. Warmer:

1. Basis-of-Design Product: Glo-Ray Model # GR2SDS-24D as manufactured by Hatco or approved equal.

F. Reach-in Refrigerator:

1. Basis-of-Design Product: Model # DL-2R-PT pass-thru as manufactured by Continental Refrigerator or approved equal.

G. Reach-in Freezer

1. Basis-of-Design Product: Model # 2F reach in freezer as manufactured by Continental Refrigerator or approved equal.

H. Hot Food Unit:

1. Basis-of-Design Product: Model # 4-HF (501-4) as manufactured by Piper Products or approved equal.

I. Cold Food Unit:

1. Basis-of-Design Product: Model # 4-BCM (Piper Elite 500) as manufactured by Piper Products or approved equal.

ITEM # 37 – SECTION 17200 – LOCAL AREA NETWORK

All known bidders are hereby advised that Specification Section 17200 – Local Area Network, shall reflect the following:

Delete: 3.1, A.

ITEM # 38 – SECTION 17300 – VOICE OVERVIEW

All known bidders are hereby advised that Specification Section 17300 – Voice Overview, shall reflect the following:

Note referencing 1.1, C.: The intent is that phone system shall be VOIP and fully integrated and compatible with the existing system at Roberto Clemente Elementary School.

ITEM # 39 – SECTION 17920 – TELECOMMUNICATION ROOMS AND SPACES

All known bidders are hereby advised that Specification Section 17920 – Telecommunication Rooms and Spaces, shall reflect the following:

Delete: 1.2, A.-D.

Note: The Contractor shall provide electric strikes at all new exterior doors. New aluminum exterior doors shall be templated. Provide step down electrical power for 24V. operation, conduit, and back box for card access readers.

ITEM # 40 – DRAWING C-300 – DEMOLITION PLAN

All known bidders are hereby advised that Drawing C-300, Demolition Plan, shall reflect the following:

1. Existing asphalt paving shall remain in place. New paving to be installed over existing paving. (See Item #10 – C-100 – Site Plan and Addendum Attachment #1.)
2. Curb cut shown on East 19th Street shall be 12 feet.

ITEM # 41 – DRAWING D-100 DEMOLITION PLAN AND ELEVATIONS

All known bidders are hereby advised that Drawing D-100, Demolition Plan and Elevations, shall reflect the following:

Revise: Demolition Keyed Note #4 to include: "Carefully cut and remove existing window, metal lintels and re-point open masonry joints."

Demolition Keyed Note #5 to include: Restore exposed existing slab-on-grade, by cutting and patching to match elevation of adjacent interior room slab-on-grade.

ITEM # 42 – DRAWING A-001 WALL TYPES & MATERIALS LEGENDS

All known bidders are hereby advised that Drawing A-001, Wall Types & Materials Legends, shall reflect the following:

Revise: Interior Wall Type 2

Type 2A	Same as Type <u>2</u>
Type 2B	Same as Type <u>2</u>
Type 2C	Same as Type <u>2</u>
Type 2D	Same as Type <u>2</u>
Type 2E	Same as Type <u>2</u>

Interior Wall Type 3

Type 3A	Same as Type <u>3</u>
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Exterior Wall Types

Type E1	Wallboard shall be paperless, fiberglass reinforced.
Type E2	Wallboard shall be paperless, fiberglass reinforced.

ITEM # 43 – A-200 EXTERIOR ELEVATIONS

All known bidders are hereby advised that Drawing A-200, Wall Types & Materials Legends, shall reflect the following:

1. EI3/a200 Sliding windows (4'x6') with symbol legend "2" shall be as shown on Drawing A-302 – Window Types "2".

ITEM # 44 – DRAWING A-600 KITCHEN LAYOUT

All known bidders are hereby advised that Drawing A-600, Kitchen Layout, shall reflect the following:

1. Hand sink, #11 per equipment legend, shall be 30"x24".

ITEM # 45 – DRAWING A-700 – DOOR SCHEDULE & DETAILS

All known bidders are hereby advised that Drawing A-700, Door Schedule & Details, shall reflect the following:

1. At entrance doors V-100, V-101, V-101A, door frames shall be aluminum
2. Door 114 on schedule shall be type A non-rated.

ITEM # 46 – DRAWING P-100 – PLUMBING FLOOR PLAN & DETAILS

All known bidders are hereby advised that Drawing P-100, Plumbing Floor Plan & Details, shall reflect the following:

1. Contractor is directed to connect new 8" storm line as shown on P-100 to existing 8" storm drain located outside east side of building.
2. Hand sink and triple sink w/sprayer as called out on A-600 shall be connected to hot and cold water supply line piping as well as drain line and vent piping.

ITEM # 47 – DRAWING A-301 WALL SECTIONS – CANOPY DETAIL

All known bidders are hereby advised that Drawing A-301, Wall Sections, shall reflect the following:

1. 3/A301 Translucent corrugated fiberglass panel (sloped) shall be sloped aluminum standing seam roofing. Steel plate shall be 5"x72"x1/2" thick.
2. 4/A301 Delete specified light fixture at canopy. See Drawing E-100L for wall-mounted fixture location.

ITEM # 48 – DRAWING C-200 – AUXILARY PARKING LOT - CLARIFICATION

All known bidders are hereby advised that Drawing A-200, Auxiliary Parking Lot, shall reflect the following:

1. Two inches (2") of new topcoating pavement shall be installed over entire area shown on drawing C-200. (Area approximately 60' x 155'.)
2. Seepage pit shall be minimum 72" deep and minimum 36" wide. Inlet elevation shall be 115.0, verified in field.
3. Existing storm drainage (5) shall be connected to new manhole with top of rim elevation 117.0, to be verified in field. Connection pipes minimum 4" diameter PVC.
4. New Type B inlets shall be cut and made integral to the existing concrete curb.

Acknowledgement of Receipt of Addendum

Contractor must acknowledge the receipt of the Addendum by signing in the space provided below and returning via fax to (609-656-4647). Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in Section E.6 of the Price Proposal Submission.

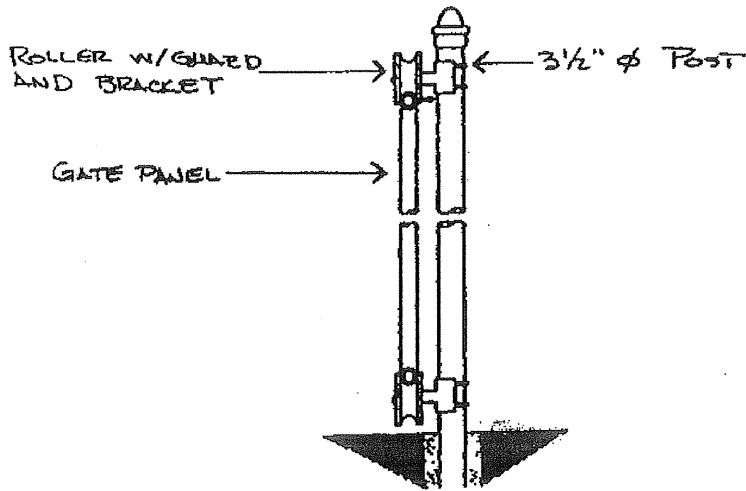
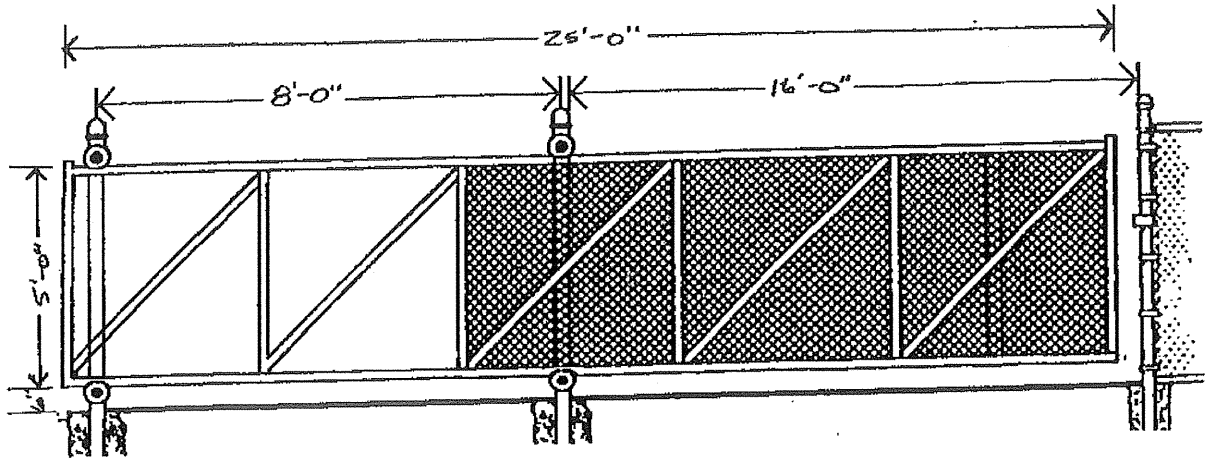
Signature

Print Name

Company Name

Date

CANTILEVER GATE



ADDENDUM ATTACHMENT #1 PAGE 1

C-100 SITE PLAN

<p>APPENDUM 1</p> <p>100% CD - ISSUED FOR BID</p> <p>12/28/08</p> <p>3/14/09</p>	<p>DCA PROJECT# PC-07-003</p> <p>CAJ PROJECT# 005-21</p> <p>CAJ PROJECT#</p> <p>▲</p>	<p>ROBERTO CLEMENTE SCHOOL ANNEX</p> <p>FOR THE:</p> <p>PATERSON SCHOOL DISTRICT</p> <p>PATERSON, NEW JERSEY</p>
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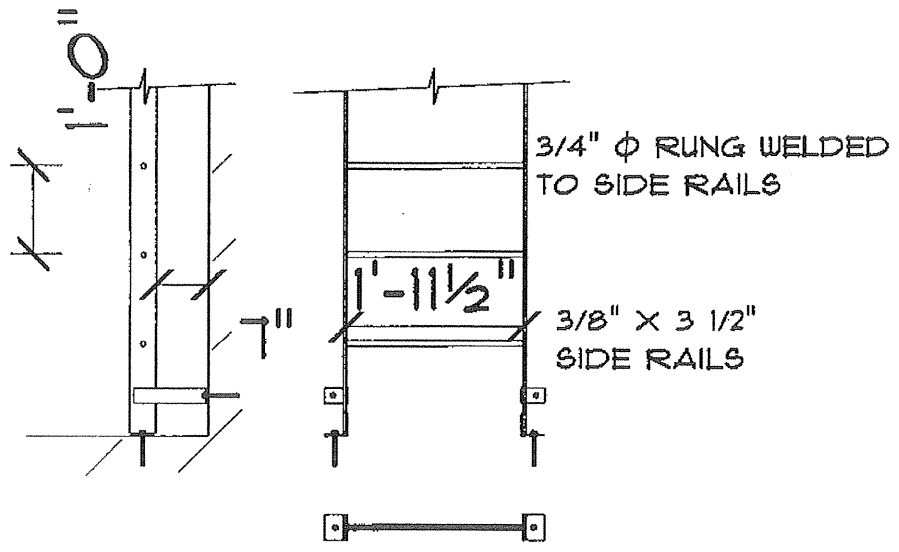
SYMBOL LIST

SYMBOL	DESCRIPTION	ABBREV.
	CEILING DIFFUSER (ARROWS SHOWING AIRFLOW DIRECTION)	CD
	EXHAUST OR RETURN CEILING REGISTER, GRILLE	CR, CG
	DUCT UNDER POSITIVE PRESSURE	
	DUCT UNDER NEGATIVE PRESSURE	
	ROUND DUCT	φ
	FLEXIBLE DUCT	
	FLEXIBLE CONNECTION	FC
	SUPPLY REGISTER	
	RETURN OR EXHAUST REGISTER	
	TURNING VANES	TV
	AIRFLOW THRU UNDERCUT DOOR (FOR SIZE, SEE ARCHITECTURAL DWS)	
	THERMOSTAT MOUNT AT 48" A.F.F.	T
	SMOKE DETECTOR	
	NECK IN DUCT SPLIT	NK
	CEILING DIFFUSER INDICATING: <u>12" NECK SIZE x 24" SQUARE FACE SIZE</u> (500 CFM)	
	AUTOMATIC TEMPERATURE CONTROL	ATC
	CUBIC FEET PER MINUTE	CFM
	GALLONS PER MINUTE	GPM
	THOUSAND BTU PER HOUR	MBH
	FIRE DAMPER WITH ACCESS DOOR	FD
	FAN CONTROL SWITCH	
	ELECTRICAL CONTRACTOR	E.C.
	GENERAL CONTRACTOR	G.C.
	AIR TRANSFER DUST ASSEMBLY	B.C.

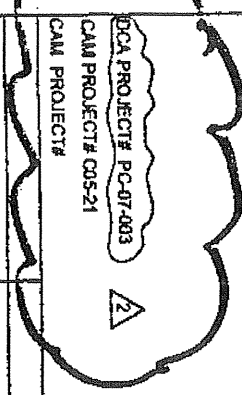
ADDENDUM ATTACHMENT # 2

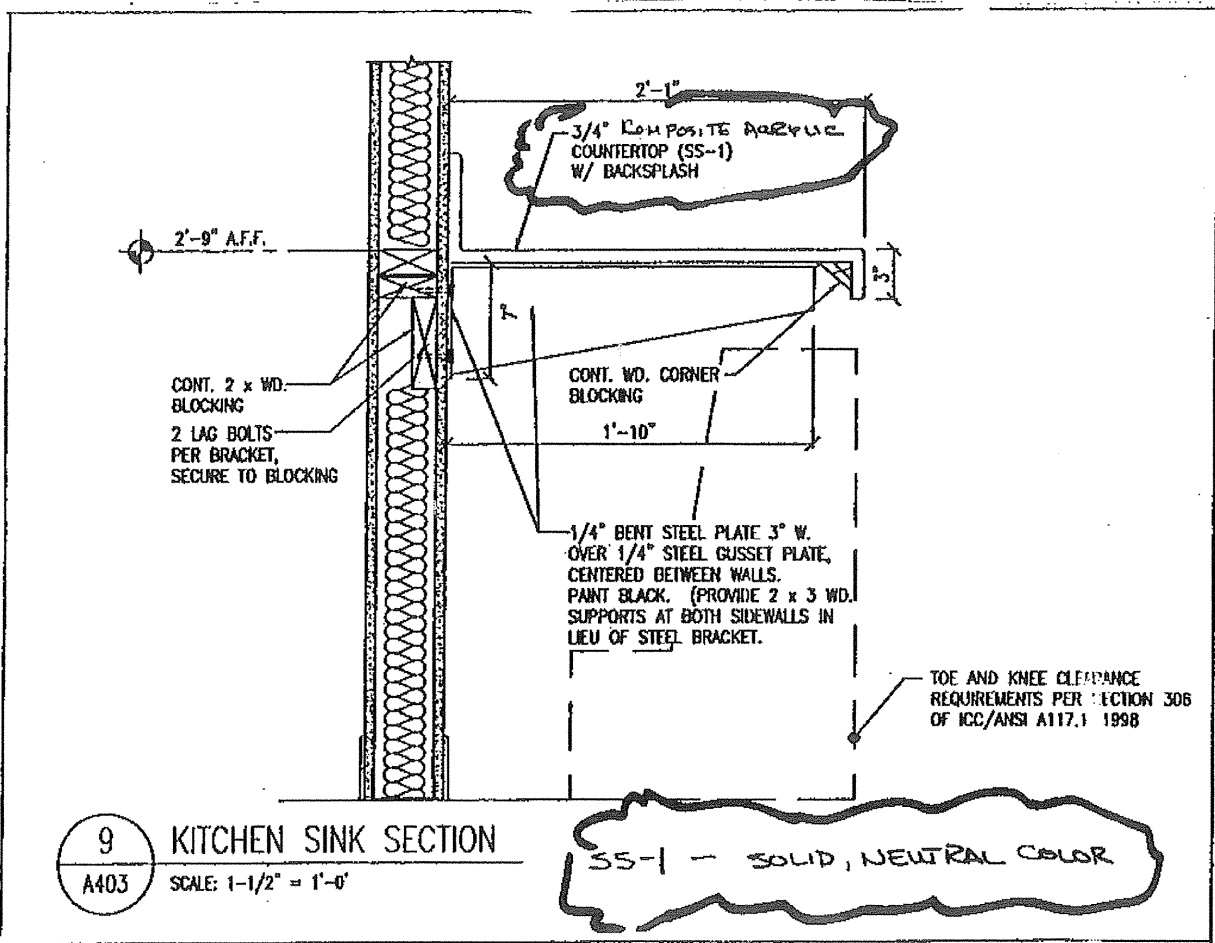
H-100 FLOOR PLAN SCHEDULE & DETAILS

APPENDUM 1 100% CD - ISSUED FOR BID 12/28/08 3/14/09	<p style="font-size: small;"> DCA PROJECT# PC-07-003 CAM PROJECT# C05-21 CAM PROJECT# </p> <p style="text-align: center; font-size: 2em; font-weight: bold;">2</p>	<p style="font-size: 1.5em; font-weight: bold;">ROBERTO CLEMENTE SCHOOL ANNEX</p> <p>FOR THE: PATERSON SCHOOL DISTRICT PATERSON, NEW JERSEY</p>
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ROOF HATCH LADDER DETAIL
ADDENDUM ATTACHMENT 3

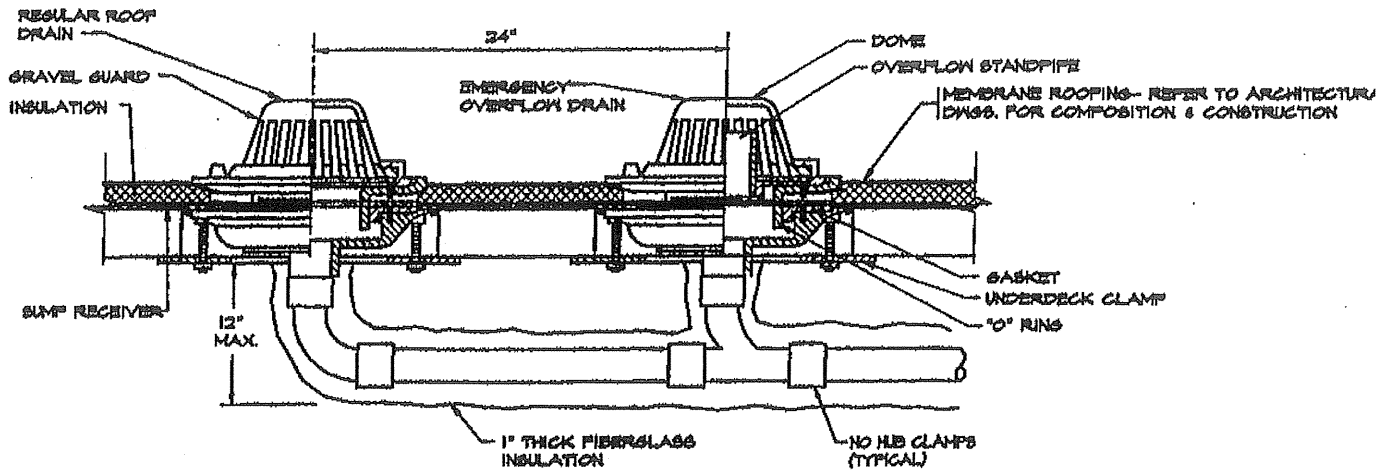
100% CD - ISSUED FOR BID APPENDUM 1 3/16/09	DCA PROJECT# PC-07-003 CAM PROJECT# C05-21 CAM PROJECT# 	ROBERTO CLEMENTE SCHOOL ANNEX FOR THE: PATERSON SCHOOL DISTRICT PATERSON, NEW JERSEY
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ADDENDUM ATTACHMENT #4

A-403 ENLARGED RESTROOM PLANS AND INTERIOR ELEVATIONS

ADDENDUM 1 100% CD - ISSUED FOR BID 3/14/09	DCA PROJECT# PC-07-003 CAM PROJECT# C05-21 CAM PROJECT# 	<p style="text-align: center;">ROBERTO CLEMENTE SCHOOL ANNEX</p> <p style="text-align: center;">FOR THE: PATERSON SCHOOL DISTRICT PATERSON, NEW JERSEY</p>
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DETAIL OF ROOF DRAIN AND OVERFLOW DRAIN

N.T.S.

ADDENDUM ATTACHMENT # 5

A-102 ROOF PLAN

APPENDUM 1 100% CD - ISSUED FOR BID 12/24/08 3/14/09		<p style="text-align: center;"> ROBERTO CLEMENTE SCHOOL ANNEX FOR THE: PATERSON SCHOOL DISTRICT PATERSON, NEW JERSEY </p>
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SECTION 02821 - CHAIN-LINK FENCES AND GATES

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:

1. Chain-Link Fences: Industrial.
2. Gates: Horizontal slide.

1.2 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: Show locations, components, materials, dimensions, sizes, weights, and finishes of components. Include plans, gate elevations, sections, details of post anchorage, attachment, bracing, and other required installation and operational clearances.

C. Samples:

1. Polymer-coated steel wire for fabric.
2. Polymer coating on framing and accessories.

D. Maintenance Data: For polymer finishes.

PART 2 - PRODUCTS

2.1 CHAIN-LINK FENCE FABRIC

A. General: Height indicated on Drawings. Comply with ASTM A 392, CLFMI CLF 2445, and requirements indicated below:

1. Steel Wire Fabric: Metallic-coated wire with a diameter of 0.192 inch (
 - a. Mesh Size: 2-1/8 inches.
 - b. Aluminum Coating: ASTM A 491, Type I.

2.2 INDUSTRIAL FENCE FRAMING

A. Posts and Rails: Comply with ASTM F 1043 for framing, ASTM F 1083 for Group IC round pipe, and the following:

1. Group: IA, round steel pipe, Schedule 40 IC, round steel pipe, yield strength 50,000 psi , II, roll-formed C section, III, hot-rolled shapes, IV, Alternative Design.
2. Fence Height: 8 feet .
3. Strength Requirement: Light industrial according to ASTM F 1043.
4. Horizontal-Slide Gate Post: According to ASTM F 1184.
5. Coating for Steel Framing:
 - a. Metallic coating.
6. Aluminum Finish: Mill finish complying with ASTM B 429.

2.3 INDUSTRIAL HORIZONTAL-SLIDE GATES

- A. General: Comply with ASTM F 1184 for single slide gate types.
 1. Classification: Type II Cantilever Slide, Class 1 with external roller assemblies.
 2. Metal Pipe and Tubing: Galvanized steel. Comply with ASTM F 1184 for materials and protective coatings.
 3. Metal Pipe and Tubing: Aluminum. Comply with ASTM F 699 for materials and protective coatings.
- B. Frames and Bracing: Fabricate members from round, galvanized steel tubing with outside dimension and weight according to ASTM F 1184 and the following:
 1. Gate Fabric Height: 6 feet .
 2. Gate Opening Width: 16 feet .
 3. Frame Members:
 - a. Tubular Steel: 1.90 inches round.
 4. Bracing Members:
 - a. Tubular Steel: 1.66 inches round.
- C. Frame Corner Construction:
 1. Welded frame and 5/16-inch-diameter, adjustable truss rods for panels 5 feet wide or wider.
- D. Roller Guards: As required per ASTM F 1184 for Type II, Class 1 gates.
- E. Hardware: Latches permitting operation from both sides of gate with locking devices. Fabricate latches with integral eye openings for padlocking; padlock accessible from both sides of gate.

2.4 FITTINGS

- A. General: Comply with ASTM F 626.
- B. Finish:

1. Metallic Coating for Pressed Steel or Cast Iron: Not less than 1.2 oz. /sq. ft. zinc.

2.5 CAST-IN-PLACE CONCRETE

- A. Materials: Portland cement complying with ASTM C 150, Type I aggregates complying with ASTM C 33, and potable water.
 1. Concrete Mixes: Normal-weight concrete air entrained with not less than 3000-psi compressive strength (28 days), 3-inch slump, and 1-inch maximum size aggregate.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. General: Install chain-link fencing to comply with ASTM F 567 and more stringent requirements specified.
- B. Post Excavation: Drill or hand-excavate holes for posts to diameters and spacings indicated, in firm, undisturbed soil.
- C. Post Setting: Set posts in concrete with mechanical anchors at indicated spacing into firm, undisturbed soil.
 1. Concrete Fill: Place concrete around posts to dimensions indicated and vibrate or tamp for consolidation. Protect aboveground portion of posts from concrete splatter.
- D. Terminal Posts: Locate terminal end, corner, and gate posts per ASTM F 567 and terminal pull posts at changes in horizontal or vertical alignment.
- E. Line Posts: Space line posts uniformly at 10 feet o.c.
- F. Post Bracing and Intermediate Rails: Install according to ASTM F 567. Install braces at end and gate posts and at both sides of corner and pull posts.
- G. Top Rail: Install according to ASTM F 567.
- H. Bottom Rails: Install, spanning between posts.
- I. Chain-Link Fabric: Apply fabric to outside of enclosing framework. Leave 1 inch between finish grade or surface and bottom selvage, unless otherwise indicated.
- J. Tie Wires: Attach wire per ASTM F 626. Bend ends of wire to minimize hazard to individuals and clothing.
- K. Fasteners: Install nuts for tension bands and carriage bolts on the side of the fence opposite the fabric side. Peen ends of bolts or score threads to prevent removal of nuts.

3.2 GATE INSTALLATION

- A. Install gates according to manufacturer's written instructions, level, plumb, and secure for full opening without interference. Attach fabric as for fencing. Attach hardware using tamper-resistant or concealed means. Install ground-set items in concrete for anchorage. Adjust hardware for smooth operation and lubricate where necessary.

3.3 GROUNDING AND BONDING

- A. Fence Grounding: Install at maximum intervals of 1500 feet.
- B. Fences within 100 Feet of Buildings, Structures, Walkways, and Roadways: Ground at maximum intervals of 750 feet.
 - 1. Grounding Method: At each grounding location, drive a grounding rod vertically until the top is 6 inches below finished grade. Connect rod to fence with No. 6 AWG conductor. Connect conductor to each fence component at the grounding location.
- C. Bonding Method for Gates: Connect bonding jumper between gate post and gate frame.
 - 1. Connections: Make connections so possibility of galvanic action or electrolysis is minimized.

END OF SECTION 02821

SECTION PLYGRD – PLAYGROUND EQUIPMENT/PLAYGROUND SAFETY SURFACING

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
1. Playground Equipment.
 2. Playground Safety Surfacing.

1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: Show locations, components, materials, dimensions, sizes, and finishes of components. Include plans, elevations, sections, details of anchorage, attachment, and other required installation and operational clearances.
- C. Samples:
1. Materials for Playground Equipment.
 2. Material for poured in place Playground Safety Surfacing.
- D. Maintenance Data: For all products.
- E. Qualification Data: For Installer.
- F. Warranty: Special warranty specified in this Section.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: An employer of workers trained and approved by manufacturer.
- B. Source Limitations: Obtain each type of gymnasium equipment through one source from a single manufacturer.

1.4 PROJECT CONDITIONS

- A. Environmental Limitations: Do not install equipment until spaces are properly prepared and conditions are maintained at the levels indicated for Project when occupied for its intended use.
- B. Field Measurements: Verify position and elevation and layout for all surfacing and equipment.

1.5 COORDINATION

- A. Coordinate installation of playground equipment and safety surfacing with other site or construction work.

1.6 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of equipment that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Failure of paint, materials or structural integrity.
 - b. Faulty operation of equipment.
 - 2. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PLAYGROUND EQUIPMENT

- A. General: Playground Equipment to be installed in the area as detailed on Drawings. Comply with US Consumer Product Safety Commission Voluntary Safety Standards and ASTM F1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use.
 - 1. Playground Equipment: Play Mart Playgrounds "Trinket"; Play Mart Playgrounds "Freestanding Chain Link Climber" or approved equal.
 - a. Mesh Size: 2-1/8 inches.
 - b. Aluminum Coating: ASTM A 491, Type I.
- B. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following or approved equal:
 - 1. BigToys, Inc.
 - 2. Grounds for Play, Inc.
 - 3. Play Mart, Inc.
 - 4. U.S. Toy Co. Inc.

2.2 PLAYGROUND SAFETY SURFACING

- A. General: Playground Safety Surfacing, poured-in-place, to be installed in the area as detailed on Drawings. Comply with US Consumer Product Safety Commission Voluntary Safety Standards and ASTM F1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use.

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- B. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following or approved equal:

1. Surface America, PlayBound™
2. No Fault Sports Group
3. American Safety Surface, LLC
4. Grounds for Play, Inc.
5. Play Mart, Inc.
6. U.S. Toy Co. Inc.

2.3 MATERIALS

- A. Playground Equipment: Aluminum, plastic, recycled plastic, rubber, recycled rubber, EPDM, recycled tires.
- B. Playground Safety Surfacing: Poured-in-place, rubber, recycled rubber, EPDM, recycled tires.
- C. Anchors, Fasteners, Fittings and Hardware: Manufacturer's standard corrosion-resistant or noncorrodible units; concealed; tamperproof, vandal- and theft-resistant design.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for playground safety surfacing, alignment of mounting substrates, installation tolerances, operational clearances and other conditions affecting safety and installation.
1. Verify critical dimensions.
 2. Examine supporting subgrades, and any necessary footings below finished grade.
 3. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

- A. General: Comply with manufacturer's written installation instructions. Complete equipment field assembly, where required.
- B. Unless otherwise indicated, install playground equipment after other finishing operations, have been completed.

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- C. Permanently Placed Playground Equipment and Components: Rigid, level, plumb, square, and true; anchored securely; positioned at locations and elevations indicated on Shop Drawings; in proper relation to any adjacent construction.
 - 1. Playground Equipment: Verify safety clearances per manufacturers recommendations and US Consumer Product Safety Commission Voluntary Safety Standards and ASTM F1487 Standard Consumer Safety Performance Specification for Playground Equipment for Public Use.

3.3 CLEANING

- A. After completing installation, inspect components. Remove spots, dirt, and debris and touch up damaged shop-applied finishes according to manufacturer's written instructions.
- B. Replace product, equipment and finishes that cannot be cleaned and repaired, in a manner approved by Architect, before time of Substantial Completion.

END OF SECTION PLYGRD