



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
 GSD106402

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 KRISTA FERRELL
 304-558-2596

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

SHIP TO

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BUILDING 84 CORNERSTONE
 1409 GREENBRIER ST
 CHARLESTON WV
 25311 304-558-2317

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B	FREIGHT TERMS
08/03/2009				

BID OPENING DATE: 08/06/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 2						
THIS ADDENDUM IS ISSUED TO:						
1.) PROVIDE A COPY OF THE MANDATORY PRE-BID ATTENDEE LIST,						
2.) ANSWER ALL TECHNICAL QUESTIONS SUBMITTED PRIOR TO THE DEADLINE FOR TECHNICAL QUESTIONS.						
3.) PROVIDE THE ATTACHED DOCUMENTS SECTION 08110: METAL DOORS AND FRAMES						
4.) PROVIDE THE ATTACHED REVISED DRAWINGS: DRAWING SK A-1 DRAWING SK A-2 DRAWING SK A-3 DRAWING SK A-4						
BID OPENING DATE REMAINS: 08/06/2009						
BID OPENING TIME REMAINS: 1:30 PM						
***** END ADDENDUM NO. 2 *****						
0001		LS		910-79		
	1					
BLDG#84 WINDOW REPLACEMENT						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130

PRE-BID CONFERENCE
SIGN IN SHEET

Request for Quotation Number: GSD106402

Date: 07/09/2009 @ 10:00 am

PLEASE PRINT LEGIBLY. THIS INFORMATION IS ESSENTIAL TO CONTACT THE ATTENDEES IN A TIMELY MANNER. FAILURE TO DO SO MAY RESULT IN DELAYS IN YOUR COMPANY GETTING IMPORTANT BID INFORMATION.

City Construction Company

Firm Name:	<u>WV State Purchasing Division</u>
Firm Address:	<u>2019 Washington St. East Charleston, WV 25306</u>
Representative Attending:	<u>Krista Ferrell</u>
Phone Number:	<u>304.558.2596</u>
Fax Number:	<u>304.558.4115</u>
Email Address:	<u>krista.s.ferrell@wv.gov</u>

Firm Name:	<u>City Windows Systems LLC</u>
Firm Address:	<u>69 Factory St. Clarksburg WV 26301</u>
Representative Attending:	<u>Ron Henders on</u>
Phone Number:	<u>304-623-2573</u>
Fax Number:	<u>304-623-3775</u>
Email Address:	<u>rhenderson@wvdsi.net</u>

Firm Name:	<u>WV STATE PURCHASING</u>
Firm Address:	
Representative Attending:	<u>AHM HATSON</u>
Phone Number:	<u>304-558-8806</u>
Fax Number:	
Email Address:	<u>ahm.1.hatson@wv.gov</u>

Firm Name:	<u>GSD</u>
Firm Address:	<u>Dept. of Administration Bldg-11</u>
Representative Attending:	<u>LARRY LeROSE</u>
Phone Number:	<u>304-558-5612</u>
Fax Number:	<u>304-415-2956 - Cell</u>
Email Address:	<u>Larry.L.Rose@wv.gov</u>

Firm Name:	<u>Danhill Const. Co</u>
Firm Address:	<u>P.O. Box 685 Gawley Bridge, WV 25685</u>
Representative Attending:	<u>Dan Hill</u>
Phone Number:	<u>304-632-1600</u>
Fax Number:	<u>304-632-1501</u>
Email Address:	<u>Danhill@hotmail.com</u>

Firm Name:	<u>Ted Payne</u>
Firm Address:	<u>CSO Engineering</u>
Representative Attending:	<u>Ted Payne</u>
Phone Number:	<u>304-558-0256</u>
Fax Number:	<u>Ted.L.Payne@wva.gov</u>
Email Address:	

PRE-BID CONFERENCE
SIGN IN SHEET

2

Request for Quotation Number: **GSD106402**

Date: **07/09/2009 @ 10:00 am**

PLEASE PRINT LEGIBLY. THIS INFORMATION IS ESSENTIAL TO CONTACT THE ATTENDEES IN A TIMELY MANNER. FAILURE TO DO SO MAY RESULT IN DELAYS IN YOUR COMPANY GETTING IMPORTANT BID INFORMATION.

Firm Name:	CHESIE BUSH
Firm Address:	GSD
Representative Attending:	
Phone Number:	304.675.0526
Fax Number:	
Email Address:	CHESIE.N.BUSH@WVU.GOV

Firm Name:	
Firm Address:	
Representative Attending:	
Phone Number:	
Fax Number:	
Email Address:	

Firm Name:	WV Dept of Admin - 650
Firm Address:	
Representative Attending:	Robert P Kilpatrick
Phone Number:	304-558-0250
Fax Number:	
Email Address:	Robert.P.Kilpatrick@wv.gov

Firm Name:	
Firm Address:	
Representative Attending:	
Phone Number:	
Fax Number:	
Email Address:	

Firm Name:	
Firm Address:	
Representative Attending:	
Phone Number:	
Fax Number:	
Email Address:	

Firm Name:	
Firm Address:	
Representative Attending:	
Phone Number:	
Fax Number:	
Email Address:	

RFQ#GSD106402, Bldg#84 Window Replacement
Technical Questions and Answers

The following are questions submitted for the project, with their relevant answers. Please modify the original specifications accordingly to incorporate the information provided herein.

Question #1: Can an architectural scale be provided rather than the engineering scale?

Answer #1: A graphic scale is indicated on the drawings. The drawings are intended to be printed out 11" x 17" paper to get an approximate scale of 3/32 (it was plotted at this scale, but is slightly less when printed).

Question #4: Will a black thermoplastic glass spacer be acceptable rather than the ones listed for better thermal performance?

Answer #4: Yes

Question #5: Can the louver be changed to a glazable thinner louver rather than the 4" louver specified? Will email profiles.

Answer #5: Delete louvers . The window section with louvers is a blanked out window in the northwest corner stairwell. Replace entire window section with spandrel glass.

Question #6: 08800-page 4-5, section 2.7 A. note 6 white interglass film – this is used in colored laminated glass- there is no mention of laminated in specification.

Answer #6: The film is not for laminated glass, but is intended to blank out the spandrel panel.

Question #7: Can Tempered be used in lieu of heat strengthened- tempered is stronger than heat tempered and less expensive for Traco.

Answer #7: Yes

Question #8: Specification Section 08520 page 1, Section 1.2 paragraph C – this calls for windborne-debris resistance a feature of a "Hurricane" or "Impact" window, which is not available in the "C" rated window as described in the rest of the specification. Is a "Hurricane" window required and if so will the specification be revised?

Answer #8: A "Hurricane" window is not required. Design wind loads are specified in the previous paragraph and the window should resist damage from debris in the specified storm. The ASTM references are simply standard test methods.

Question #9: Mock-ups. For a complete Mock-up we would require the owner to provide a location of which opening would receive the Mock-up. Due to the size and quantity of windows to complete the Mock-up the order for this opening would require standard lead times (10-12 weeks). The remaining windows required to complete the project cannot be released for production until the Mock-up window opening is approved this would extend the project for several months.

- a) Is the extended time frame acceptable?
- b) Could a sample window be approved rather than a complete vertical opening?

Answer#9 (a): No, time is of the essence in completing the work. The project is based on standard aluminum sections that should be available in small quantities once the Notice to Proceed is issued.

Answer #9 (b): Nowhere in the specifications did we reference a 'complete' mock-up. The required mock up on page 08520 of the specifications did not specify a location or a size. The mock-up should include at least one section of window and one section of a spandrel panel.

Question #10: At the existing windows there is an unidentified piece of metal between the horizontals at two locations at each opening. We ask that one of these areas be opened and details provided showing exact conditions, to prevent a Change Order arising from unforeseen conditions.

Answer #10: The "unidentified piece of metal between the horizontals" appears to be the way that the original windows were fabricated. Instead of a continuous window section, two window units were 'butted' together with a small closure piece between them. This original design will not affect the new installation.

Question #11: Is a P.E. stamp required for the Shop Drawings to establish compliance with wind load calculations?

Answer #11: The specifications did not require a P.E. stamp on the shop drawings.

ADDITIONAL INFORMATION

As an addition to the work of the originally distributed Request for Quotations, the successful contractor shall replace the three (3) hollow metal doors (and frames) on the building. Please add the following documents to the Request for Quotations to cover this work:

Add:

GSD106402 Hollow Metal Doors and Frames – Section 08110

Replace Drawings:

GSD106402 Drawing SK A-1 Building 84 – Windows

GSD106402 Drawing SK A-2 Building 84 – Windows

GSD106402 Drawing SK A-3 Building 84 – Windows

GSD106402 Drawing SK A-4 Building 84 – Windows

With

GSD106402 Revised Drawing SK A-1 Building 84 – Windows

GSD106402 Revised Drawing SK A-2 Building 84 – Windows

GSD106402 Revised Drawing SK A-3 Building 84 – Windows

GSD106402 Revised Drawing SK A-4 Building 84 – Windows

(respectively)

SECTION 08110 - STEEL DOORS AND FRAMES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes standard, heavy-duty hollow metal doors and frames.

1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: Include elevations, door edge details, frame profiles, metal thicknesses, preparations for hardware, and other details.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following (or their equal):
 - 1. Amweld Building Products, LLC.
 - 2. Ceco Door Products; an Assa Abloy Group company.
 - 3. Curries Company; an Assa Abloy Group company.
 - 4. Kewanee Corporation (The).
 - 5. Steelcraft; an Ingersoll-Rand company.

2.2 MATERIALS

- A. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, CS, Type B; suitable for exposed applications.
- B. Hot-Rolled Steel Sheet: ASTM A 1011/A 1011M, CS, Type B.
- C. Metallic-Coated Steel Sheet: ASTM A 653/A 653M, Commercial Steel (CS), Type B; with minimum G60 or A60 metallic coating.
- D. Frame Anchors: ASTM A 591/A 591M, Commercial Steel (CS), 40Z coating designation; mill phosphatized.

1. For anchors built into exterior walls, steel sheet complying with ASTM A 1008/A 1008M or ASTM A 1011/A 1011M, hot-dip galvanized according to ASTM A 153/A 153M, Class B.
- E. Inserts, Bolts, and Fasteners: Hot-dip galvanized according to ASTM A 153/A 153M.
- F. Grout: ASTM C 476, except with a maximum slump of 4 inches, as measured according to ASTM C 143/C 143M.
- G. Mineral-Fiber Insulation: ASTM C 665, Type I.
- H. Bituminous Coating: Cold-applied asphalt mastic, SSPC-Paint 12, compounded for 15-mil dry film thickness per coat.

2.3 STANDARD HOLLOW METAL DOORS

- A. General: Comply with ANSI/SDI A250.8.
 1. Design: Flush panel
 2. Core Construction: Manufacturer's standard, polystyrene, polyurethane, polyisocyanurate, mineral-board, or vertical steel-stiffener core.
 - a. Thermal-Rated (Insulated) Doors: R-value of not less than **12.3 deg F x h x sq. ft./Btu** when tested according to ASTM C 1363.
 3. Vertical Edges for Single-Acting Doors: Beveled edge, 1/8 inch in 2 inches or Square edge.
 4. Top and Bottom Edges: Closed with flush or inverted 0.042-inch- thick, end closures or channels of same material as face sheets.
 5. Tolerances: SDI 117, "Manufacturing Tolerances for Standard Steel Doors and Frames."
- B. Exterior Doors: Face sheets fabricated from metallic-coated steel sheet. Comply with ANSI/SDI A250.8 for level and model and ANSI/SDI A250.4 for physical performance level:
 1. Level 2 and Physical Performance Level B (Heavy Duty),
 - a. Width: **1-3/4 inches**
- C. Hardware Reinforcement: ANSI/SDI A250.6.

2.4 STANDARD HOLLOW METAL FRAMES

- A. General: Comply with ANSI/SDI A250.8.
- B. Exterior Frames: Fabricated from metallic-coated steel sheet.
 1. Fabricate frames with mitered or coped corners.
 2. Fabricate frames as] **full profile welded** unless otherwise indicated.
 3. Frames for Level 2 Steel Doors: 0.053-inch- thick steel sheet.

- C. Hardware Reinforcement: ANSI/SDI A250.6.

2.5 FRAME ANCHORS

- A. Jamb Anchors:
 - 1. Postinstalled Expansion Type for In-Place Concrete or Masonry: Minimum 3/8-inch-diameter bolts with expansion shields or inserts. Provide pipe spacer from frame to wall, with throat reinforcement plate, welded to frame at each anchor location.
- B. Floor Anchors: Formed from same material as frames, not less than 0.042 inch thick.

2.6 ACCESSORIES

- A. Mullions and Transom Bars: Join to adjacent members by welding or rigid mechanical anchors.
- B. Grout Guards: Formed from same material as frames, not less than 0.016 inch thick.

2.7 FABRICATION

- A. Tolerances: Fabricate hollow metal work to tolerances indicated in SDI 117.
- B. Hollow Metal Doors:
 - 1. Exterior Doors: Provide weep-hole openings in bottom of exterior doors. Seal joints in top edges of doors against water penetration.
 - 2. Glazed Lites: Factory cut openings in doors.
 - 3. Astragals: Provide overlapping astragal on one leaf of pairs of doors where required by NFPA 80 for fire-performance rating or where indicated.
- C. Hollow Metal Frames: Where frames are fabricated in sections, provide alignment plates or angles at each joint, fabricated of same thickness metal as frames.
 - 1. Welded Frames: Weld flush face joints continuously; grind, fill, dress, and make smooth, flush, and invisible.
 - 2. Provide countersunk, flat- or oval-head exposed screws and bolts for exposed fasteners unless otherwise indicated.
 - 3. Grout Guards: Weld guards to frame at back of hardware mortises in frames to be grouted.
 - 4. Floor Anchors: Weld anchors to bottom of jambs and mullions with at least four spot welds per anchor.
 - 5. Jamb Anchors: Provide number and spacing of anchors as follows:
 - a. Postinstalled Expansion Type: Locate anchors not more than 6 inches from top and bottom of frame. Space anchors not more than 18 inches o.c.
 - 6. Door Silencers: Except on weather-stripped doors, drill stops to receive door silencers.
 - a. Single-Door Frames: Three door silencers.

- D. Hardware Preparation: Factory prepare hollow metal work to receive templated mortised hardware according to the Door Hardware Schedule and templates furnished as specified in Division 8 Section "Door Hardware."
1. Locate hardware as indicated, or if not indicated, according to ANSI/SDI A250.8.
 2. Reinforce doors and frames to receive nontemplated, mortised and surface-mounted door hardware.
 3. Comply with applicable requirements in ANSI/SDI A250.6 and ANSI/DHI A115 Series specifications for preparation of hollow metal work for hardware.
 4. Coordinate locations of conduit and wiring boxes for electrical connections with Division 16 electrical Sections.

2.8 STEEL FINISHES

- A. Prime Finish: Apply manufacturer's standard primer immediately after cleaning and pretreating.
1. Shop Primer: ANSI/SDI A250.10.
- B. Factory-Applied Paint Finish: ANSI/SDI A250.3.
1. Color and Gloss: As selected by Architect from manufacturer's full range.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Hollow Metal Frames: Comply with ANSI/SDI A250.11.
1. Set frames accurately in position, plumbed, aligned, and braced securely until permanent anchors are set. After wall construction is complete, remove temporary braces, leaving surfaces smooth and undamaged.
 - a. At fire-protection-rated openings, install frames according to NFPA 80.
 - b. Where frames are fabricated in sections because of shipping or handling limitations, field splice at approved locations by welding face joint continuously; grind, fill, dress, and make splice smooth, flush, and invisible on exposed faces.
 - c. Install frames with removable glazing stops located on secure side of opening.
 - d. Install door silencers in frames before grouting.
 - e. Remove temporary braces necessary for installation only after frames have been properly set and secured.
 - f. Check plumbness, squareness, and twist of frames as walls are constructed. Shim as necessary to comply with installation tolerances.
 - g. Field apply bituminous coating to backs of frames that are filled with grout containing antifreezing agents.
 2. Floor Anchors: Provide floor anchors for each jamb and mullion that extends to floor, and secure with expansion anchors.

3. In-Place Concrete or Masonry Construction: Secure frames in place with postinstalled expansion anchors. Countersink anchors, and fill and make smooth, flush, and invisible on exposed faces. Fill frames with grout and fill grout holes to make smooth, flush, and invisible on exposed faces.
4. Installation Tolerances: Adjust hollow metal door frames for squareness, alignment, twist, and plumb to the following tolerances:
 - a. Squareness: Plus or minus 1/16 inch measured at door rabbet on a line 90 degrees from jamb perpendicular to frame head.
 - b. Alignment: Plus or minus 1/16 inch (measured at jambs on a horizontal line parallel to plane of wall.
 - c. Twist: Plus or minus 1/16 inch measured at opposite face corners of jambs on parallel lines, and perpendicular to plane of wall.
 - d. Plumbness: Plus or minus 1/16 inch measured at jambs at floor.

B. Hollow Metal Doors: Fit hollow metal doors accurately in frames, within clearances specified below. Shim as necessary.

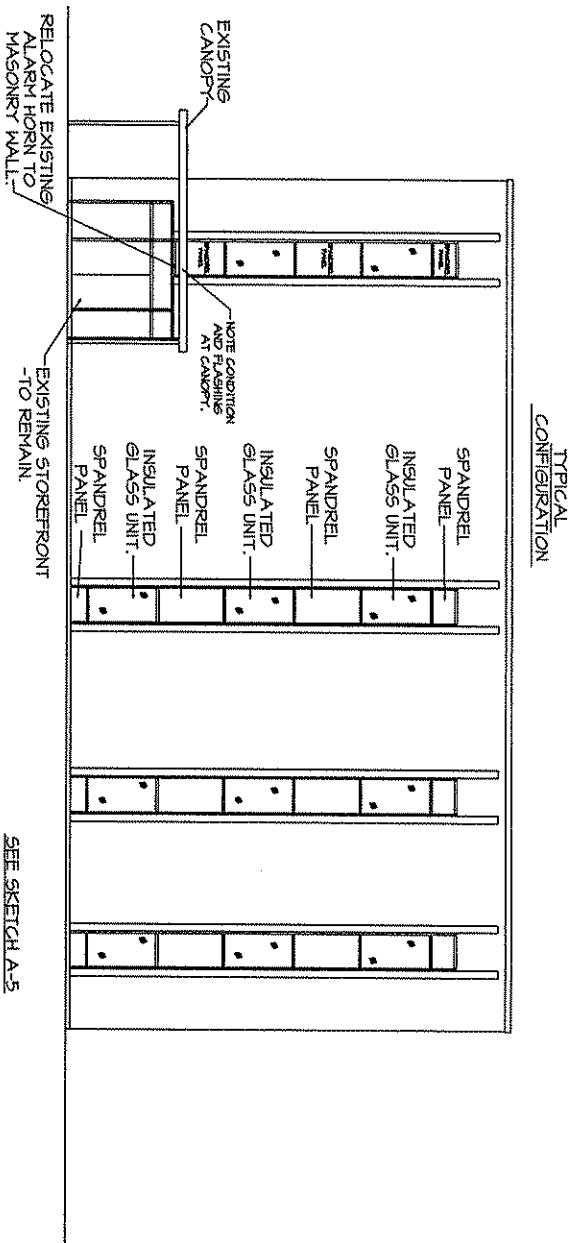
1. Non-Fire-Rated Standard Steel Doors:

- a. Jambs and Head: 1/8 inch plus or minus 1/16 inch.
- b. Between Bottom of Door and Top of Threshold: Maximum 3/8 inch

3.2 ADJUSTING AND CLEANING

- A. Final Adjustments: Check and readjust operating hardware items immediately before final inspection. Leave work in complete and proper operating condition. Remove and replace defective work, including hollow metal work that is warped, bowed, or otherwise unacceptable.
- B. Prime-Coat Touchup: Immediately after erection, sand smooth rusted or damaged areas of prime coat and apply touchup of compatible air-drying, rust-inhibitive primer.
- C. Metallic-Coated Surfaces: Clean abraded areas and repair with galvanizing repair paint according to manufacturer's written instructions.

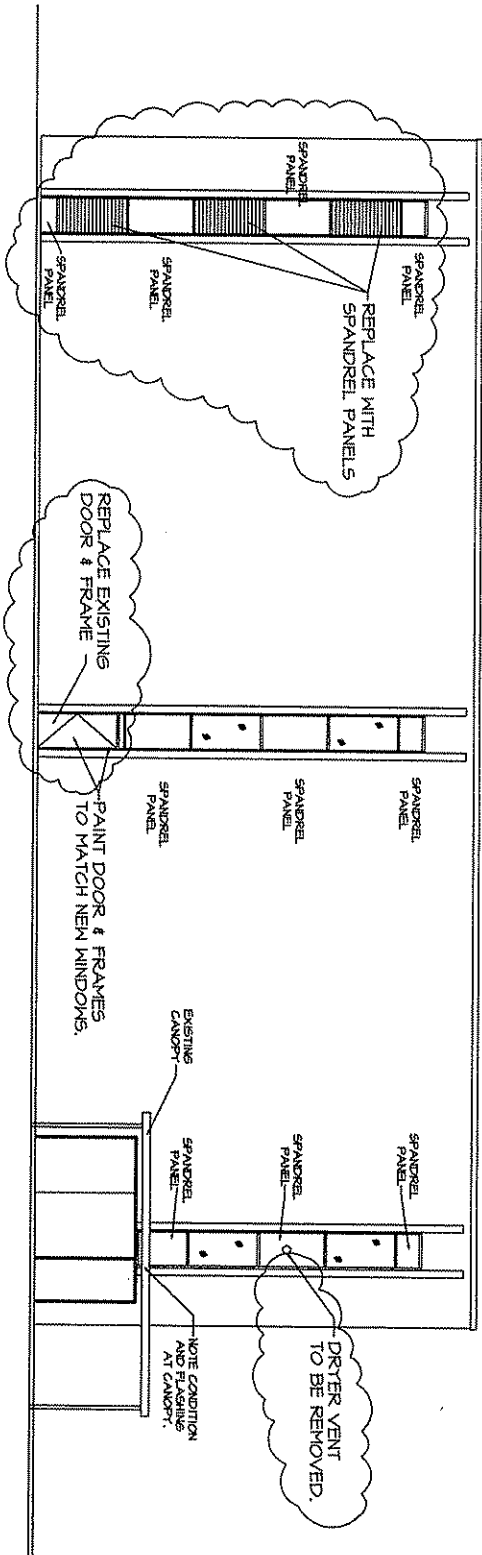
END OF SECTION 08110



BUILDING 84
SOUTH ELEVATION

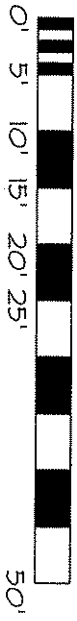
SKETCH A-2





BUILDING 84
WEST ELEVATION

SKETCH A-3



BUILDING 84
NORTH ELEVATION

SKETCH A-4

