



ADDENDUM #2

DATE: February 22, 2022

REFERENCE: Invitation for Bid: S-BB-22612
Issue Date: February 8, 2022
Title & Location: Gar-Field HS Culinary Arts Renovation
Architect/Engineer: Moseley Architects
Sealed Bid Due Date & Time: March 3, 2022 @ 3:00 p.m.

THE FOLLOWING CHANGES ARE HEREBY MADE PART OF THE BIDDING REQUIREMENTS AND CONTRACT DOCUMENTS. BIDDERS SHALL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE APPROPRIATE SPACE ON THE BID FORM.

1. CONTRACTOR QUESTIONS

- A. Some of the scopes listed in Specification 000800-11.2.2 are very limited as they relate to this project, or not applicable at all. Please confirm all Subcontractors that PWPCS would like bonded on this project.
Response: No bonds are required on this project.
- B. Specification 001500 requires we provide Contractor's and Owner's field offices - please confirm if this is actually desired for this project.
Response: No office trailers are required on this project.
- C. Specification 001750 contains a boilerplate document for LEED compliance - please confirm there are no LEED requirements for this project?
Response: Specification section shall be deleted (see below), no leed compliance required.
- D. New Floor Plan on A2.1 indicates (1) locker to be provided- please provide a specification for the locker if it is to be provided by the contractor.
Response: Specification section 105113 is attached to this addenda (see below).
- E. The structural plans do not appear to show any work at the area of the new rooftop MAU. Please advise if any supplementary framing is required here.
Response: No additional structure is required at the new rooftop unit.

2. MODIFICATIONS TO THE PROJECT MANUAL

SECTION "TOC" TABLE OF CONTENTS

- DELETE Section 001750 Sustainability Objectives
- ADD Section 105113 Metal Lockers under Division 10 – Specialties

SECTION 001750 SUSTAINABILITY OBJECTIVES

DELETE Section 001750 Sustainability Objectives

SECTION 105113 METAL LOCKERS

ADD Section 10511 Metal Lockers after Section 101100 PWCS – Visual Display Boards

ALL OTHER SPECIFICATIONS, TERMS AND CONDITIONS REMAIN UNCHANGED.

END OF ADDENDUM #2

PURCHASING OFFICE

P.O. BOX 389, MANASSAS, VA 20108 • [HTTP://PURCHASING.DEPARTMENTS.PWCS.EDU](http://PURCHASING.DEPARTMENTS.PWCS.EDU) • 703.791.8741, FAX 703.791.8610

GAR-FIELD HIGH SCHOOL CULINARY ARTS RENOVATION
PRINCE WILLIAM COUNTY, VIRGINIA

DIVISION 00 BIDDING AND CONTRACTUAL REQUIREMENTS

Document	000020	PWCS – Invitation for Bid
	000100	PWCS – Instructions to Bidders
	000300	PWCS – Bid Form
		Contractor’s Qualification Statement (AIA Doc. A305, 2020 edition)
	000305	PWCS – Bid Bond
	000310	PWCS – Performance Bond
	000320	PWCS – Payment Bond
	000430	PWCS – Subcontractor Listing
	000450	PWCS – DBE Certification
	000800	PWCS – General Conditions of the Contract

SPECIFICATIONS

DIVISION 1 – GENERAL REQUIREMENTS

001010	PWCS – Summary of Work and General Provisions
001015	PWCS – Contractor’s Use of the Premises
001045	PWCS – Cutting and Patching
001050	PWCS – Field Engineering
001090	PWCS – Definitions and Standards
001153	PWCS – Change Order Procedure
001200	PWCS – Project Meetings
001300	PWCS – Submittals
001315	PWCS – Construction Schedules
001410	PWCS – Testing Laboratory Services
001500	PWCS – Temporary Facilities
001600	PWCS – Materials and Equipment
001700	PWCS – Project Closeout
001720	PWCS – Partial and Final Lien Waiver Forms
001730	PWCS – Warranties
014520	PWCS – Testing, Adjusting and Balancing of Systems
018119	Indoor Air Quality Requirements

DIVISION 2 – EXISTING CONDITIONS

024119	PWCS - Selective Structure Demolition
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DIVISION 3 – CONCRETE (not used)

DIVISION 4 – MASONRY

042000	Unit Masonry
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DIVISION 5 – METALS

055000	Metal Fabrications
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DIVISION 6 – WOOD PLASTICS AND COMPOSITES

061000	Rough Carpentry
064100	Architectural Woodwork and Casework

DIVISION 7 – THERMAL AND MOISTURE PROTECTION

075216.13	PWCS – Heat-Welded SBS-Modified Bituminous Membrane Roofing
075217	SBS Modified Bituminous Roofing – Minor Alterations

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076200	PWCS - Flashing and Sheet Metal
077200	PWCS - Roofing Accessories
079200	Joint Sealants

DIVISION 8 – OPENINGS

081113	PWCS – Hollow Metal Doors and Frames
081416	PWCS - Flush Wood Doors
083800	Traffic Doors
084000	Aluminum-Framed Storefront and Curtain Wall
087100	PWCS - Finish Hardware
088000	Glazing

DIVISION 9 – FINISHES

092216	Cold Formed Steel Framing - Non-Structural (CFSF-NS)
092900	Gypsum Board
095113	PWCS - MS/HS – Acoustical Panel Ceilings
095453	PWCS - Fiberglass Reinforced Plastic Panel Ceilings
096513	Resilient Base and Accessories
096519	Resilient Tile Flooring
096723	Resinous Flooring
099100	Painting

DIVISION 10 – SPECIALTIES

101100	PWCS - Visual Display Boards
105113	Metal Lockers (Addenda 2)

DIVISION 11 – EQUIPMENT

114000	Food Service Equipment
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DIVISION 12 – FURNISHINGS

123216	PWCS - Manufactured Plastic Laminate Clad Casework
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DIVISION 13 – SPECIAL CONSTRUCTION (not used)

DIVISION 14 – CONVEYING SYSTEMS (not used)

DIVISION 21 – FIRE SUPPRESSION (not used)

DIVISION 22 – PLUMBING

220500	Common Work Results for Plumbing Piping
220513	Motors for Plumbing Equipment
220516	Expansion Fittings and Loops for Plumbing Piping
220517	Sleeves and Sleeve Seals for Plumbing Piping
220519	Meters and Gages for Plumbing Piping
220523	General-Duty Valves for Plumbing Piping
220529	Hangers and Supports for Plumbing Piping and Equipment
220553	Identification for Plumbing Piping and Equipment
220700	Plumbing Insulation

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221113	Facility Natural Gas Piping
221116	Domestic Water Piping
221119	Domestic Water Piping Specialties
221125	Circulating Pumps
221316	Sanitary Waste and Vent Piping
221319	Sanitary Waste Piping Specialties
223300	Electric Water Heaters
224000	Plumbing Fixtures

DIVISION 23 – MECHANICAL

230500	Common Work Results for HVAC
230529	Hangers and Supports for HVAC Piping and Equipment
230548	Vibration Control for HVAC
230553	Identification for HVAC Piping and Equipment
230593	PWCS – Testing, Adjusting, and Balancing
230700	HVAC Insulation
230900	Instrumentation and Control for HVAC
233113	Metal Ducts
233300	Air Duct Accessories
233713	Diffusers, Registers, and Grilles
238126	Split-System Air Conditioning Units

DIVISION 25 – INTEGRATED AUTOMATION (not used)

DIVISION 26 – ELECTRICAL

260500.1	PWCS Wire Insulation Test Log
260500.2	PWCS Torque Value Log
260501	PWCS – Basic Materials and Methods
260502	PWCS – Electrical Testing
260519	PWCS – Conductors and Cables
260526	PWCS – Grounding and Bonding
260533	PWCS – Raceway and Boxes
260553	PWCS – Electrical Identification
262200	PWCS – Dry Type Transformers
262416	PWCS – Panelboards
262726	PWCS – Wiring Devices
262813	PWCS – Fuses
262816	PWCS – Enclosed Switches and Circuit Breakers
264313	PWCS – Surge Protective Devices (SPD)
265119	PWCS – LED Interior Lighting

DIVISION 27 – COMMUNICATIONS

271300	PWCS – Local Area Network Cabling System
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DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

283111	PWCS – Fire Alarm and Detection System
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DIVISION 31 – EARTHWORK (not used)

DIVISION 32 – EXTERIOR IMPROVEMENTS (not used)

DIVISION 33 – UTILITIES (not used)

DIVISION 34 – TRANSPORTATION (not used)

END OF TABLE OF CONTENTS

SECTION 105113 - METAL LOCKERS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Provisions of the Contract and of the Contract Documents apply to this Section.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of metal locker.
- B. Shop Drawings: For metal lockers. Include plans, elevations, sections, details, and attachments to other work.
 - 1. Show locker trim and accessories.
 - 2. Include locker identification system and numbering sequence.
 - 3. Combination Listing for combination locks by locker numbers. Provide a digital copy of combinations in PDF & Word/Excel format on flash drive, listed by locker number, for all lockers with built-in combination locks.
 - 4. Indicate locations of lockers complying with regulatory accessibility requirements.
- C. Samples for Initial Selection: For units with factory-applied color finishes.
- D. Samples for Verification: For metal lockers and locker benches, in manufacturer's standard sizes.

1.3 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified Installer.
- B. Maintenance Data: For adjusting, repairing, and replacing locker doors and latching mechanisms to include in maintenance manuals.
- C. Warranty: Sample of special warranty.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of units required for this Project.
- B. Source Limitations: Obtain metal lockers, locker benches, and accessories from single source from single manufacturer.
- C. Regulatory Requirements: Where metal lockers and benches are indicated to comply with accessibility requirements, comply with the 2010 ADA Standards for Accessible Design and ICC A117.1.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver metal lockers until spaces to receive them are clean, dry, and ready for their installation.
- B. Protect lockers from damage during delivery, handling, storage, and installation.

1.6 PROJECT CONDITIONS

- A. Field Measurements: Verify actual dimensions of existing locations to receive lockers by taking field measurements before fabrication.

1.7 COORDINATION

- A. Coordinate sizes and locations of concrete bases for metal lockers.

- B. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of work specified in other Sections to ensure that metal lockers can be supported and installed as indicated.
- 1.8 WARRANTY
- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of metal lockers that fail in materials or workmanship, excluding finish, within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures.
 - b. Faulty operation of latches and other door hardware.
 - 2. Damage from deliberate destruction and vandalism is excluded.
 - 3. Warranty Period for Knocked-Down Metal Lockers: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Cold-Rolled Steel Sheet: ASTM A 1008, Commercial Steel (CS), Type B, suitable for exposed applications.
- B. Metallic-Coated Steel Sheet: ASTM A 653, Commercial Steel (CS), Type B; with A60 zinc-iron, alloy (galvannealed) coating designation. Provide for locker bottoms only.
- C. Steel Tube: ASTM A 500, cold rolled.
- D. Fasteners: Zinc- or nickel-plated steel, slotless-type, exposed bolt heads; with self-locking nuts or lock washers for nuts on moving parts.
- E. Anchors: Material, type, and size required for secure anchorage to each substrate.
 - 1. Provide nonferrous-metal or hot-dip galvanized anchors and inserts on inside face of exterior walls, floor anchors for corrosion resistance.
 - 2. Provide toothed-steel or lead expansion sleeves for drilled-in-place anchors.

2.2 ADA-COMPLIANT (BARRIER-FREE) LOCKERS

- A. General: Provide basic locker as indicated, except modify with ADA-compliant features and accessories, including but not limited to, the following features. Provide one (1) such ADA-compliant locker for every 20 lockers of each locker type, minimum. Locate as indicated, or, if not indicated, as approved by the Architect.
 - 1. I.D. Plaque: Etched, embossed, stamped or silk-screened, aluminum plate, approximately 3" x 3", with the international symbol of accessibility - matte finish white-on-blue graphic. Attach plaque to locker door, near top, centered, with 4 corner fasteners. A permanently attached alternate construction graphic plaque will be considered in lieu of aluminum plate.
 - 2. Equipment Modifications for ADA-Compliant Lockers:
 - a. Locate bottom shelf no lower than 15 inches above the floor.
 - b. Where hooks, coat rods, or additional shelves are indicated, locate no higher than 48 inches above the floor.
 - c. Recessed Handle and Latch: Modify recessed handle and latch to comply with ADA operating mechanisms requirements. Locate handle and latch at standard height but no higher than 48 inches AFF.

2.3 STANDARD METAL LOCKERS

- A. Products: Subject to compliance with requirements, provide one of the following:
 - 1. Art Metal Products; Standard KD Lockers.
 - 2. ASI Storage Solutions Inc.; Traditional Collection.

3. List Industries Inc.; Classic Line of Superior KD Lockers.
 4. Lyon Workspace Products, LLC; Standard Lockers.
 5. Penco Products, Inc.; Vanguard Lockers.
 6. Republic Storage Products, LLC; Quiet Lockers.
- B. Locker Arrangement: Single tier, double tier, and box lockers, in layouts and sizes as indicated on Drawings.
- C. Material: Cold-rolled steel sheet, except provide metallic-coated steel sheet for locker bottoms.
- D. Body: Assembled by riveting or bolting body components together. Fabricate from unperforated steel sheet as follows:
1. Tops and Bottoms: 0.024-inch (24 ga) nominal thickness, with single bend at sides.
 2. Backs and Sides: 0.024-inch (24 ga) nominal thickness, with full-height, double-flanged connections.
 3. Shelves: 0.024-inch (24 ga) nominal thickness, with double bend at front and single bend at sides and back.
 4. Exposed Ends: Form exposed ends of non-recessed lockers from minimum 0.060-inch (16 ga) nominal thickness steel sheet.
- E. Frames: Channel formed; fabricated from 0.060-inch (16 ga) nominal-thickness steel sheet; lapped and factory welded at corners; with top and bottom main frames factory welded into vertical main frames. Form continuous, integral door strike full height on vertical main frames.
- F. Doors: One piece; fabricated from 0.060-inch nominal-thickness steel sheet; formed into channel shape with double bend at vertical edges and with right-angle single bend at horizontal edges.
1. Reinforcement: Manufacturer's standard reinforcing angles, channels, or stiffeners for doors more than 15 inches wide; welded to inner face of doors.
 2. Stiffeners: Manufacturer's standard full-height stiffener fabricated from 0.048-inch (18 ga) nominal-thickness steel sheet; welded to inner face of doors.
 3. Door Style: Vented panel as follows:
 - a. Concealed Vents: Perforations in top and bottom horizontal return flanges of doors.
- G. Hinges: Welded to door and attached to door frame with no fewer than two factory-installed rivets per hinge that are completely concealed and tamper resistant when door is closed; fabricated to swing 180 degrees.
1. Knuckle Hinges: Steel, full loop, five or seven knuckles, tight pin; minimum 2 inches high. Provide no fewer than three hinges for each door more than 42 inches high.
- H. Recessed Door Handle and Latch: Stainless-steel cup with integral door pull, recessed so locking device does not protrude beyond face of door; pry and vandal resistant.
1. Multipoint Latching: Finger-lift latch control designed for use with built-in combination locks, built-in key locks, or padlocks; positive automatic latching and prelocking.
 - a. Latch Hooks: Equip doors 42 inches and higher with three latch hooks and doors less than 42 inches high with two latch hooks; fabricated from 0.105-inch nominal-thickness steel sheet; welded or riveted to full-height door strikes; with resilient silencer on each latch hook.
 - b. Latching Mechanism: Manufacturer's standard, rattle-free latching mechanism and moving components isolated with vinyl or nylon to prevent metal-to-metal contact, and incorporating a prelocking device that allows locker door to be locked while door is open and then closed without unlocking or damaging lock or latching mechanism.

- I. Door Handle and Latch for Box Lockers: Stainless-steel strike plate with integral pull; with steel padlock loop that projects through metal locker door.
 - J. Built-in Combination Locks: Key-controlled, three-number dialing combination locks; capable of at least five combination changes made automatically with a control key. Provide bolt operation with automatic dead-bolt action.
 - K. Equipment: Equip each metal locker with identification plate and the following unless otherwise indicated:
 - 1. Single-Tier Units: Shelf, one double-prong ceiling hook, two single-prong wall hooks.
 - 2. Double-Tier Units: One double-prong ceiling hook and two single-prong wall hooks.
 - L. Accessories:
 - 1. Continuous Zee Base: Fabricated from manufacturer's standard thickness, but not less than 0.060-inch (16 ga) nominal-thickness steel sheet.
 - a. Height: 4 inches, unless indicated otherwise.
 - 2. Continuous Sloping Tops: Fabricated from manufacturer's standard thickness, but not less than 0.036-inch (20 ga) nominal-thickness steel sheet.
 - a. Closures: Vertical-end type.
 - b. Sloping-top corner fillers, mitered.
 - 3. Recess Trim: Fabricated from 0.048-inch (18 ga) nominal-thickness steel sheet.
 - 4. Filler Panels: Fabricated from manufacturer's standard thickness, but not less than 0.036-inch (20 ga) nominal-thickness steel sheet.
 - 5. Finished End Panels: Fabricated from 0.024-inch (24 ga) nominal-thickness steel sheet.
 - M. Finish: Powder coat.
 - 1. Color(s): As selected by Architect from manufacturer's full range.
 - a. Number of Standard Metal Locker Color Selections for Project: One.
- 2.4 ATHLETIC METAL LOCKERS
- A. Products: Subject to compliance with requirements, provide one of the following:
 - 1. Knocked-Down, Athletic Metal Lockers:
 - a. Art Metal Products; HDV KD Lockers.
 - b. ASI Storage Solutions Inc.; Competitor Collection.
 - c. List Industries Inc.; HDV KD Lockers.
 - d. Lyon Workspace Products, LLC; Expanded Metal Lockers.
 - e. Penco Products, Inc.; Invincible II Lockers.
 - f. Republic Storage Systems Company; Heavy Duty Ventilated Lockers.
 - B. Locker Arrangement: Double tier and box lockers, in layouts and sizes as indicated on Drawings.
 - C. Material: Cold-rolled steel sheet, except provide metallic-coated steel sheet for locker bottoms.
 - D. Body: Assembled by riveting or bolting body components together. Fabricate from unperforated steel sheet with thicknesses as follows:
 - 1. Tops and Bottoms: 0.060-inch (16 ga) nominal thickness, with single bend at edges.
 - 2. Backs: 0.048-inch (18 ga) nominal thickness.
 - 3. Shelves: 0.060-inch (16 ga) nominal thickness, with double bend at front and single bend at sides and back.
 - E. Perforated Sides: Fabricated from 0.060-inch (16 ga) nominal-thickness steel sheet with manufacturer's standard diamond perforations.
 - F. Frames: Channel formed; fabricated from 0.060-inch (16 ga) nominal-thickness steel sheet or 0.097-inch nominal-thickness steel angles; lapped and factory welded at corners; with top

and bottom main frames factory welded into vertical main frames. Form continuous, integral door strike full height on vertical main frames.

- G. Perforated Doors: One piece; fabricated from 0.075-inch (14 ga) nominal-thickness steel sheet with manufacturer's standard diamond perforations; formed into channel shape with double bend at vertical edges and with right-angle single bend at horizontal edges and latch point (bottom) and right-angle single bend at remaining edges for box lockers.
 - 1. Reinforcement: Manufacturer's standard reinforcing angles, channels, or stiffeners for doors more than 15 inches wide; welded to inner face of doors.
- H. Hinges: Welded to door and attached to door frame with no fewer than two factory-installed rivets per hinge that are completely concealed and tamper resistant when door is closed; fabricated to swing 180 degrees.
 - 1. Knuckle Hinges: Steel, full loop, five or seven knuckles, tight pin; minimum 2 inches high. Provide no fewer than three hinges for each door more than 42 inches high.
- I. Recessed Door Handle and Latch: Stainless-steel cup with integral door pull, recessed so locking device does not protrude beyond face of door; pry and vandal resistant.
 - 1. Multipoint Latching: Finger-lift latch control designed for use with built-in combination locks, built-in cylinder locks, or padlocks; positive automatic latching and prelocking.
 - a. Latch Hooks: Equip doors 42 inches and higher with three latch hooks and doors less than 42 inches high with two latch hooks; fabricated from 0.120-inch nominal-thickness steel sheet; welded to full-height door strikes; with resilient silencer on each latch hook.
 - b. Latching Mechanism: Manufacturer's standard, rattle-free latching mechanism and moving components isolated to prevent metal-to-metal contact, and incorporating a prelocking device that allows locker door to be locked while door is open and then closed without unlocking or damaging lock or latching mechanism.
- J. Door Handle and Latch for Box Lockers: Stainless-steel strike plate with integral pull; with steel padlock loop that projects through metal locker door.
- K. Combination Padlocks: Provided by Owner (NIC).
- L. Equipment: Equip each metal locker with identification plate and the following unless otherwise indicated:
 - 1. Double-Tier Units: One double-prong ceiling hook and two single-prong wall hooks.
 - 2. Double-Tier (Coaches' Office): Shelf, coat rod, and two single-prong wall hooks.
- M. Accessories:
 - 1. Continuous Zee Base (Where Indicated): 4 inches high; fabricated from 0.075-inch (14 ga) nominal-thickness steel sheet.
 - 2. Continuous Sloping Tops: Fabricated from 0.048-inch (18 ga) nominal-thickness steel sheet, with a pitch of approximately 20 degrees.
 - a. Closures: Vertical-end type.
 - 3. Filler Panels: Fabricated from 0.048-inch (18 ga) nominal-thickness steel sheet.
 - 4. Boxed End Panels: Fabricated from 0.060-inch (16 ga) nominal-thickness steel sheet.
- N. Finish: Powder coat.
 - 1. Color(s): As selected by Architect from manufacturer's full range.
 - a. Number of Athletic Locker Color Selections for Project: One.

2.5 FABRICATION

- A. Fabricate metal lockers square, rigid, and without warp and with metal faces flat and free of dents or distortion. Make exposed metal edges safe to touch and free of sharp edges and burrs.

1. Form body panels, doors, shelves, and accessories from one-piece steel sheet unless otherwise indicated.
2. Provide fasteners, filler plates, supports, clips, and closures as required for complete installation.
- B. Fabricate each metal locker with an individual door and frame; individual top, bottom, and back; and common intermediate uprights separating compartments. Factory weld frame members of each metal locker together to form a rigid, one-piece assembly.
- C. Knocked-Down Construction: Fabricate metal lockers using nuts, bolts, screws, or rivets for nominal assembly at Project site.
- D. Accessible Lockers: Fabricate as follows:
 1. Locate bottom shelf no lower than 15 inches above the floor.
 2. Where hooks, coat rods, or additional shelves are provided, locate no higher than 48 inches above the floor.
- E. Hooks: Manufacturer's standard ball-pointed type, aluminum or steel; zinc plated.
- F. Coat Rods: Manufacturer's standard galvanized steel.
- G. Identification Plates: Manufacturer's standard, etched, embossed, or stamped aluminum plates, with numbers and letters at least 3/8 inch high. Numbering sequence shall be coordinated with Owner in Shop Drawing phase. Attach plates to each locker door, near top, centered, with at least two aluminum rivets.
- H. Continuous Base: Formed into channel or zee profile for stiffness, and fabricated in lengths as long as practical to enclose base and base ends of metal lockers; finished to match lockers.
- I. Continuous Sloping Tops: Fabricated in lengths as long as practical, without visible fasteners at splice locations; finished to match lockers.
 1. Sloping-top corner fillers, mitered.
- J. Recess Trim: Fabricated with minimum 2-1/2-inch face width and in lengths as long as practical; finished to match lockers.
- K. Filler Panels: Fabricated in an unequal leg angle shape; finished to match lockers. Provide slip-joint filler angle formed to receive filler panel.
- L. Boxed End Panels: Fabricated with 1-inch- wide edge dimension, and designed for concealing fasteners and holes at exposed ends of non-recessed metal lockers; finished to match lockers.
 1. Provide one-piece panels for double-row (back-to-back) locker ends.

2.6 STEEL SHEET FINISHES

- A. Factory finish steel surfaces and accessories except stainless-steel and chrome-plated surfaces.
- B. Powder-Coat Finish: Immediately after cleaning and pretreating, electrostatically apply manufacturer's standard, baked-polymer, thermosetting powder finish. Comply with resin manufacturer's written instructions for application, baking, and minimum dry film thickness.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine walls, floors, and support bases, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Install level, plumb, and true; shim as required, using concealed shims.
 - 1. Anchor locker runs at ends and at intervals recommended by manufacturer, but not more than 36 inches o.c. Using concealed fasteners, install anchors through backup reinforcing plates, channels, or blocking as required to prevent metal distortion.
 - 2. Anchor single rows of metal lockers to walls near top of lockers and to floor.
 - 3. Anchor back-to-back metal lockers to floor.
- B. Knocked-Down Metal Lockers: Assemble with standard fasteners, with no exposed fasteners on door faces or face frames.
- C. Equipment and Accessories: Fit exposed connections of trim, fillers, and closures accurately together to form tight, hairline joints, with concealed fasteners and splice plates.
 - 1. Attach hooks with at least two fasteners.
 - 2. Attach door locks on doors using security-type fasteners.
 - 3. Identification Plates: Identify metal lockers with identification indicated on Drawings.
 - a. Attach plates to each locker door, near top, centered, with at least two aluminum rivets.
 - 4. Attach recess trim to recessed metal lockers with concealed clips.
 - 5. Attach filler panels with concealed fasteners. Locate filler panels where indicated on Drawings.
 - 6. Attach sloping-top units to metal lockers, with closures at exposed ends.
 - 7. Attach boxed end panels with concealed fasteners to conceal exposed ends of non-recessed metal lockers.
 - 8. Attach finished end panels with fasteners only at perimeter to conceal exposed ends of non-recessed metal lockers.
- D. Fixed Locker Benches: Provide no fewer than two pedestals for each bench, uniformly spaced not more than 72 inches apart. Securely fasten tops of pedestals to undersides of bench tops, and anchor bases to floor.

3.3 ADJUSTING, CLEANING, AND PROTECTION

- A. Clean, lubricate, and adjust hardware. Adjust doors and latches to operate easily without binding. Verify that integral locking devices operate properly.
- B. Protect metal lockers from damage, abuse, dust, dirt, stain, or paint. Do not permit use during construction.
- C. Touch up marred finishes, or replace metal lockers that cannot be restored to factory-finished appearance. Use only materials and procedures recommended or furnished by locker manufacturer.

A. END OF SECTION