



# STEELE ASSOCIATES ARCHITECTS LLC

ARCHITECTURE INTERIOR DESIGN MASTER PLANNING SUSTAINABLE DESIGN

686 NW YORK DRIVE SUITE 150 BEND OR 97703 PH:541-382-9867 FAX:541-385-8816 www.steele-arch.com

**PROJECT NAME:** BLS Transportation Facility 2017

**PROJECT NO.:** 16116.01

**ADDRESS:** 501 SE Second Street, Bend, OR

**FILE CODE:** 6-b

**DATE:** February 14, 2017

## ADDENDUM D

### **TO ALL PLAN HOLDERS:**

*This Addendum forms a part of the Contract Documents and modifies the original bidding documents released for bid preparation. Please notify everyone concerned as your sub-contractors and suppliers of the issuance and contents of this addendum prior to date of bid opening.*

### **SPECIFICATIONS:**

<b><u>Item:</u></b>	<b><u>Reference:</u></b>	<b><u>Description:</u></b>
4.01	00 0110 -Table of Contents - Add C	<b>REVISE:</b> Table of Contents to reflect Addendum D
4.02	32 3113 Chain Link Fences and Gates	<b>REVISE:</b> Specification as noted.
4.03	22 4200 - Commercial Plumbing Fixtures	<b>REVISE:</b> Specification as noted.

### **DRAWINGS:**

4.10	G0.10 Cover Sheet	<b>REVISE:</b> Revision Log
4.11	PH1.10 Phasing Plan	<b>REVISE:</b> Revision Plan and dates
4.12	C2.1 Demolition Plan	<b>REVISE:</b> Plan as shown
4.13	C4.1 Utility Plan	<b>ADD:</b> Fire sprinkler line
4.14	C8.4 PIP Existing Conditions & Demolition Plan	<b>REVISE:</b> Plan as shown
4.15	C8.5 PIP SE 2nd St Plan & Profile	<b>REVISE:</b> Plan as shown
4.16	A1.25 Shop Building Floor Plan	<b>ADD:</b> Fire sprinkler riser location

- 4.17 P0.10 Plumbing Legend & Schedules - Administration Building **REVISE:** Plumbing Connection Schedule
- 4.18 P1.21 Attic Plan - Plumbing - Administration Building **REVISE:** Plumbing layout in Attic

**Contractor Questions:**

- 4.20 Alternate #2 – remove and replace insulation at shop? Intent is to remove and replace only wet or damaged insulation and vapor barrier in the roof of the metal building as it is exposed during roofing replacement operations. Complete replacement is not anticipated. Use same insulation as specified for the addition.
- 4.21 Size of Portable? Approximately 8’ x 28’, basis of design Modern Building Systems 8 x 28 Office <http://www.modernbuildingsystems.com/product/8-x-28-office/>
- 4.22 Power and data to Portable? Provide power to the portable. Data will be provided and connected by the District personnel.
- 4.23 Is shower to be premanufactured? No, shower configuration is to be as indicated on architectural drawings. Plumbing fixtures and drain to be as indicated in plumbing drawings.
- 4.24 Water heater does not appear to fit in space allotted. Please clarify. Plan has been review and mechanical room modified to provide for water heater to remain in the location shown.
- 4.25 Is the chain link fence to be slatted? No
- 4.26 Do you need an engineer’s stamp for the chain link fence gates? No.
- 4.27 Is the chain link fence all brown or galvanized? Fence is to be galvanized only.
- 4.28 Will the chain link fence require 3-strand barbed wire at the top? No.

**Substitution Requests:**

- 4.30 SR 13 3419 - Metallic **Approved:** As submitted

**APPROVALS:** *Approvals are based on manufacturers only. Contractors are responsible for bidding on approved equipment equivalent in size and performance to that specified. Contractor is also responsible for all special electrical, mechanical, or other field adaptations required for equipment or items used other than that shown in the original project design.*

***End of Addendum***

**Attachment List:**

**Specifications:** 00 0110 -Table of Contents, 32 3113 Chain Link Fences and Gates, 22 4200 - Commercial Plumbing Fixtures

**Drawings:** G0.10 Cover Sheet, PH1.10 Phasing Plan, C2.1 Demolition Plan, C4.1 Utility Plan, C8.4 PIP Existing Conditions & Demolition Plan, C8.5 PIP SE 2nd St Plan & Profile, A1.25 Shop Building Floor Plan, P0.10 Plumbing Legend & Schedules - Administration Building, P1.21 Attic Plan – Plumbing Administration Building

**Substitution Requests:** SR 13 3419 - Metallic

**SECTION 00 0110  
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**PROCUREMENT AND CONTRACTING REQUIREMENTS**

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- 00 0110 - Table of Contents (*Addendum A*) (*Addendum B*)
- 00 1113 - Advertisement for Bids (*Addendum C*)
- 00 2113 - Instructions to Bidders
- 00 4100 - Bid Form (*Addendum A*)
- 00 5200 - Agreement Form (*Addendum A*)
- 00 6113 - Performance Bond
- 00 6240 - Out of State Items
- 00 7000 - General Conditions
- 00 7200 - General Conditions
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**SPECIFICATIONS**

**DIVISION 01 -- GENERAL REQUIREMENTS**

- 01 0500 - Construction Staking
- 01 0800 - Identification Systems
- 01 1000 - Summary of the Work
- 01 2200 - Unit Prices
- 01 2300 - Alternates
- 01 2500 - Substitutions
- 01 2663 - Change Order Procedures
- 01 2900 - Applications for Payment
- 01 2973 - Schedule of Values
- 01 3100 - Project Coordination
- 01 3119 - Meetings
- 01 3130 - Statement of compliance
- 01 3140 - Certification of No Asbestos
- 01 3200 - Schedules and Reports
- 01 3233 - Photographs
- 01 3300 - Shop Drawings, Product Data and Submittals
- 01 3520 - Sustainable Design Requirements
- 01 4000 - Quality Requirements
- 01 4200 - Abbreviations and Definitions
- 01 4510 - Safety
- 01 5000 - Construction Facilities and Temporary Controls
- 01 5526 - Traffic Control
- 01 6000 - Product Requirements
- 01 6116 - Volatile Organic Compound (VOC) Content Restrictions
- 01 6600 - Delivery, Storage and Handling
- 01 7329 - Cutting and Patching

- 01 7413 - Cleaning
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- 01 7823 - Operation and Maintenance Data
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- For Site Preparation and Earthwork, see Division 31
- For Pavements and Site Improvements, see Division 32
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- 02 4100 - Demolition
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- 03 3000 - Cast-in-Place Concrete

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- 04 2001 - Masonry Veneer

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- 05 5000 - Metal Fabrications
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- 05 5305 - Metal Gratings and Floor Plates

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- 06 1733 - Wood I-Joists
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**DIVISION 07 -- THERMAL AND MOISTURE PROTECTION**

- 07 0150 - Preparation for Re-Roofing
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- 07 4213 - Metal Wall Panels (*Addendum A*), (*Addendum B*)
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- 08 1113 - Hollow Metal Doors and Frames

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- 08 4313 - Aluminum-Framed Storefronts
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- 08 8000 - Glazing
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**DIVISION 09 -- FINISHES**

- 09 2116 - Gypsum Board Assemblies
- 09 3000 - Tiling
- 09 5100 - Acoustical Ceilings
- 09 6500 - Resilient Base
- 09 6813 - Tile Carpeting
- 09 9113 - Exterior Painting
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**DIVISION 10 -- SPECIALTIES**

- 10 1101 - Visual Display Boards
- 10 1400 - Signage (*Addendum B*)
- 10 2113.19 - Plastic Toilet Compartments
- 10 2226.13 - Accordion Folding Partitions
- 10 2601 - Wall and Corner Guards
- 10 2800 - Toilet Room Accessories
- 10 4400 - Fire Protection Specialties
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- 11 3100 - Residential Appliances
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- 12 2400 - Window Shades
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- 13 3419 - Metal Building Systems

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- 21 0000 - Water Based Fire Suppression Systems

**DIVISION 22 -- PLUMBING**

- 22 0000 - Basic Plumbing Requirements
- 22 0519 - Meters and Gages for Plumbing Piping
- 22 0523 - General Duty Valves for Plumbing Piping

- 22 0529 - Hangers and Supports for Plumbing Piping and Equipment
- 22 0548 - Vibration and Seismic Controls for Plumbing Piping and Equipment
- 22 0553 - Identification for Plumbing Piping and Equipment
- 22 0593 - Testing of Plumbing
- 22 0719 - Plumbing Insulation
- 22 1100 - Facility Water Distribution
- 22 1119 - Domestic Water Piping Specialties
- 22 1300 - Facility Sanitary Sewers
- 22 1400 - Facility Storm Drainage
- 22 1500 - Facility Compressed-Air Piping
- 22 1600 - Facility Natural Gas Piping
- 22 3400 - Gas Commercial Water Heater
- 22 4200 - Commercial Plumbing Fixtures (*Addendum D*)

**DIVISION 23 -- HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)**

- 23 0000 - Basic HVAC Requirements
- 23 0529 - Hangers and Supports for HVAC Piping and Equipment
- 23 0553 - Identification for HVAC Piping and Equipment
- 23 0593 - Testing, Adjusting, and Balancing for HVAC
- 23 0700 - HVAC Insulation
- 23 0900 - Instrumentation and Control for HVAC (Addendum B)
- 23 3100 - HVAC Ducts and Casings
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- 23 3400 - HVAC Fans
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- 23 8126 - Split-System Air Conditioning
- 23 8333 - Fuel Fired Radiant Heaters

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- 26 0500 - Basic Materials and Methods
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- 26 0526 - Grounding and Bonding
- 26 0533 - Conduits, Raceways, Boxes and Fittings (Addendum B)
- 26 0533.12 - Metal-Clad Cable
- 26 0553 - Identification
- 26 0923 - Lighting Control Devices - Occupancy Sensors (OS)
- 26 0944 - Network Lighting Controls (nLtg)
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- 27 0500 - Common Work results for Communications
- 27 0513 - Communications Services (Addendum B)
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- 27 1123 - Communications Cable Management and Ladder Rack
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- 27 2133 - Wireless Access Points
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- 33 1100 - Water Distribution Piping
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**END OF SECTION**

**SECTION 22 4200**  
**COMMERCIAL PLUMBING FIXTURES**  
**(ADDENDUM D)**

**PART 1 GENERAL****1.01 SUMMARY**

- A. Work included: Providing of all plumbing fixtures, fixture trim, cleanouts and appurtenances as shown or required.
- B. Product Certification: Provide only products certified for use in the State of Oregon.

**1.02 SUBMITTALS**

- A. Provide submittals in accordance with Section 22 00 00.
- B. Submittals shall include manufacturer's catalog literature for all products used.

**1.03 OPERATION AND MAINTENANCE DATA**

- A. Provide O&M data in accordance with Section 22 00 00.
- B. O&M data shall include:
  - 1. Manufacturer's literature.
  - 2. Maintenance instructions.

**PART 2 PRODUCTS****2.01 MANUFACTURERS**

- A. Vitreous China Plumbing Fixtures: Kohler, American Standard, Sloan or approved equal.
- B. Toilet Seats: Olsonite, Bemis, Church or Beneke.
- C. Flush Valve: Sloan, American Standard or approved equal.
- D. Stainless Steel Plumbing Fixtures: Elkay, Just, or approved equal.
- E. Hose Bibb: Woodford, Haws, Zurn, Woodford or equal.
- F. Service Sink: Stern Williams, Fiat, Mustee, or approved equal.
- G. Fixture Trim: Symmons, Chicago or Delta.
- H. Supplies and Stops: Speedway, McQuire, Zurn or Eastman.
- I. Floor Drains and Floor Sinks: Jay R. Smith, Wade, Watts Ancon, S or Zurn.
- J. Cleanouts: Jay R. Smith, Wade, Watts Ancon or Zurn.
- K. Carriers: Jay R. Smith, Wade, Watts Ancon or Zurn.
- L. Priming Valves: Precision Plumbing Products only.
- M. Water Hammer Arrestors: Smith or Precision Plumbing Products.
- N. Hot Water recirculation Pump: Grundfos, Taco or approved equal.

**2.02 DESCRIPTION**

- A. Water Closet (WC-1):
  - 1. American Standard 'Afwall Millenium Flowise' model 3351.576, white vitreous china, wall mounted, elongated bowl, siphon jet action, with water saving trim.
  - 2. Sloan "Uppercut" model WES 111, dual flush, diaphragm type, 1.6/1.1 gpf, flush valve.
  - 3. Bemis No. 1055SSC, elongated white extra heavy duty plastic open front seat less cover with stainless steel hinge post and self-sustaining concealed check hinge.
  - 4. Provide floor-mounted wall hanger at standard height.
- B. Water Closet (WC-2): ADA

1. American Standard 'Atwall Millenium Flowise' model 3351.576, white vitreous china, wall mounted, elongated bowl, siphon jet action, with water saving trim.
  2. Sloan "Uppercut" model WES 111, dual flush, diaphragm type, 1.6/1.1 gpf, flush valve.
  3. Bemis No. 1055SSC, elongated white extra heavy duty plastic open front seat less cover with stainless steel hinge post and self-sustaining concealed check hinge.
  4. Provide floor-mounted wall hanger at ADA height.
- C. Urinal (U-1):
1. Kohler "Bardon" model K-4904-ET, High efficiency, 3/4" top spud, white vitreous china, elongated rim, 0.125gpf, flush valve, wall hung. Bowl only.
  2. Sloan "Royal" model 186-0.125, Exposed, top spud, urinal flush valve,
- D. Lavatory (L-1): ADA
1. Kohler "Memoirs" model K-2337, drop-in sink w/faucet ledge, drilled to match faucet.
  2. Delta "Teck" model 22C431, Polished chrome finished cast brass, single lever control, vandal resistant, ADA compliant.
  3. Pre-formed manufactured insulation kit for trap, waste and water supplies.
  4. Chrome plated brass grid drain.
- E. Sink (S-1): ADA
1. Elkay Lustertone model LRAD2522, top mount, single bowl, stainless steel, overall dims 25" x 22" x 6-1/2", with quick clip installation.
  2. Delta model "Teck", model 26C932, Lead free, deck mounted chrome plated brass faucet, heavy duty gooseneck, swivel, spout, ADA compliant hooded blade handles.
  3. Pre-formed manufactured insulation kit for trap, waste and water supplies. Chrome plated basket strainer.
- F. Service Sink (SS-1):
1. Stern Williams "Serviceceptor" model SB-900, overall dimensions 24"x 24" x 12", Stainless steel cap and splash guards.
  2. Delta model 28T9, cast brass, wall mounted, rough chrome plated finish, two handle, pail hook, garden hose end thread, stainless steel mop hanger, hose & hanger bracket.
- G. Wash Fountain (WF-1):
1. Bradley 'Terreon Quadra-Fount' model MF 2944, serves 1 - 4 users at a time, 0.5 gpm flow restricter, vandal resistant, with thermostatic mixing valve, and hard-wired infrared sensor control.
- H. Electric Water Cooler (EWC-1):
1. Elkay model LVRCHDTL8SC, ADA compliant, dual height, heavy-duty, 14 gauge, wall-mount, filtered, vandal-resistant, front push-button activation, and front access adjustment, 115-volt, and 8 gph chilling capacity.
- I. Shower (SH-1):
1. ~~Fiber-fab model 38H1LP, one piece gel-coated fiberglass shower enclosure (overall dim. 38" x 42" x 80-3/4" height), ADA compliant, with low profile bottom, curtain rod, grab bar, and fold-down seat. Provide with chrome plated brass grid shower drain.~~
  2. **J.R. Smith, Fig. 2005, Duco cast iron body, nickel bronze adjustable strainer head, 2" outlet, vandal proof screws, clamping ring for waterproof floor connection.**

3. **Moen 'Three-Function Commercial Shower System' model 8342, with chrome plated metal construction, 3 function transfer valve, showerhead and hand-held shower with pause and 69" metal hose, 30" slide bar, and vandal resistant screws.**
- J. Instant Hot Water Dispenser (IH-1): Insinkerator model H-Contour-SS, 2/3 gallon tank, temperature control, 115-volt, 750 watts, self-closing hot valve, and dispenser faucet.
- K. Hose Bibb (HB-1): Woodford Model 65, anti-siphon, freeze protected, wall hydrant. No lead, Auto draining, anti-siphon, 3/4" inlet, chrome plated, w/ loose key tee.
- L. Ice Maker Outlet Box (VB-1): Sioux Chief 696 Series, 1/4" compression outlet connection.
- M. Floor Drain (FD-1): J.R. Smith, Fig. 2005, Duco cast iron body, nickel bronze adjustable strainer head, 2" outlet, vandal proof screws, clamping ring for waterproof flooring and trap primer connection. Prime.
- N. Floor Drain (FD-2): J.R. Smith, Fig. 2005, Duco cast iron body, nickel bronze adjustable strainer head, 2" outlet, vandal proof screws, clamping ring for waterproof flooring and trap primer connection and round funnel attachment.
- O. Floor Sink (FS-1): J.R. Smith, Fig. 3002-02, 14 gage stainless steel 6" deep body with dome strainer, 2" outlet, 12" square top.**
- P. Priming Valves: Precision Plumbing Products, Inc., Oregon P1 or P2.
- Q. Water Hammer Arrestors: Jay R. Smith, 5000 series, all stainless steel construction with heavy-duty bellows.
- R. Supplies and Stops: Flexible supplies with loose key angle stops to wall with canopy flanges and all exposed surfaces chrome plated.
- S. Traps:
1. Exposed Traps: 17-gauge chrome plated tubing adjustable P-trap with slip bushing.
  2. Concealed or Below Grade: Coated cast iron P-trap, recessed screw joint or to match cast iron pipe.
  3. Support Rims: Stainless steel rims, if sink not furnished with integral rim.

## PART 3 EXECUTION

### 3.01 INSTALLATION

- A. Provide plumbing fixture trim where applicable on fixture.
- B. Plumbing Fixtures:
1. Plumbing Fixtures Mounting Heights: All fixtures standard rough-in catalogued heights unless specified or shown otherwise on the architectural drawings.
  2. Cleanout:
    - a. Where required for purposes intended.
    - b. Cover set flush with finished surface.
    - c. Urinal cleanouts to be below fixture on centerline.
  3. Floor Drain: Set top flush with finished floor unless otherwise noted on architectural drawings.
- C. Priming Valves:
1. Floor drain and Floor Sink traps primed with priming valves with 3/8" copper pipe.
  2. Six traps maximum primed from one priming valve.
  3. Where priming valves are installed in finished rooms, conceal in wall and provide access door.
  4. Install shutoff valve ahead of priming valve.

- D. Water Hammer Arrestors (WHA): Provide where shown and where recommended by Plumbing Drainage Institute (PDI). Furnish access panel to allow repair or replacement.
- E. Drawings are diagrammatic and may not show all required cleanouts and fittings. Provide additional required items at no additional cost.

**END OF SECTION**

**SECTION 32 3113  
CHAIN LINK FENCES AND GATES**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Fence framework, fabric, and accessories.
- B. Excavation for post bases; concrete foundation for posts.

**1.02 RELATED REQUIREMENTS**

- A. Section 03 3000 - Cast-in-Place Concrete: Concrete anchorage for posts.

**1.03 PRICE AND PAYMENT PROCEDURES**

- A. Fencing: Measurement and payment by the linear foot, to the fence height specified, based on the specified post spacing. Includes posts, rails, tension wire, fabric, accessories, attachments.
- B. Post Footings: Measurement and payment by each unit of footing, to the depth specified. Includes excavation, concrete placed, finishing.
- C. Gates: Measurement and payment by the square foot. Includes frame posts, fabric, accessories, hardware.

**1.04 REFERENCE STANDARDS**

- A. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2009.
- B. ASTM A392 - Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric; 2011a.
- C. ASTM F567 - Standard Practice for Installation of Chain-Link Fence; 2014a.
- D. CLFMI CLF 2445 - Product Manual; 1997.

**1.05 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on fabric, posts, accessories, fittings and hardware.
- C. Shop Drawings: Indicate plan layout, spacing of components, post foundation dimensions, hardware anchorage, and schedule of components.
- D. Samples: Submit two samples of fence fabric, 12 inch by 12 inch in size illustrating construction and finish. (*Addendum D*)
- E. ~~Design drawings for gates, designed and stamped by engineer licensed in the state of Oregon.~~ (*Addendum D*)
- F. Project Record Documents: Accurately record actual locations of property perimeter posts relative to property lines and easements.

**1.06 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than ten years of documented experience.

**PART 2 PRODUCTS**

**2.01 MANUFACTURERS**

- A. Chain Link Fences and Gates:
  - 1. Master-Halco, Inc.: [www.masterhalco.com](http://www.masterhalco.com).
  - 2. Pacific Fence & Wire; [www.pacificfencewholesale.com](http://www.pacificfencewholesale.com)
  - 3. Substitutions: See Section 01 6000 - Product Requirements.

**2.02 MATERIALS AND COMPONENTS**

- A. Materials and Components: Conform to CLFMI CLF 2445.
- B. Fabric Size: 9 guage prior to any coating applications. CLFMI CLF 2445 Standard Industrial, Heavy Residential service.

1. ~~Provide 7 gauge fabric for vinyl coating. (Addendum D)~~
  2. All chain link fabric is to be closed loop - knuckle selvage - at the top.
- C. Intermediate Posts: Schedule 40, Type I round;
1. Less than 6 foot tall fencing: 1 7/8 inch O.D. posts.
  2. 6 foot and taller fencing: 2 3/8 inch O.D. posts.
- D. Terminal, Corner, Rail, Brace, and Gate Posts: Schedule 40, Type I round;
1. Less than 6 foot tall fencing: 2 3/8 inch O.D. posts.
  2. 6 foot and taller fencing: 2 7/8 inch O.D. posts.
- E. Accessories: same material and finish as posts.
- F. Gates: As indicated on drawings.. (Addendum D)

### 2.03 ACCESSORIES

- A. Caps: Cast steel galvanized; sized to post diameter, set screw retainer.
- B. Fittings: Sleeves, bands, clips, rail ends, tension bars, fasteners and fittings; steel.
- C. ~~Extension Arms: Cast steel galvanized, to accommodate 3 strands of barbed wire, single arm, vertical. (Addendum D)~~
- D. Hardware for Single Swinging Gates: 180 degree hinges, 3 for gates up to 60 inches high, 4 for taller gates; fork latch with gravity drop and padlock hasp; keeper to hold gate in fully open position.

### 2.04 FINISHES

- A. Components and Fabric: Vinyl coated over coating of 1.8 oz/sq ft galvanizing.
- B. Hardware: Hot-dip galvanized to weight required by ASTM A153/A153M.
- C. Accessories: Same finish as framing.
- D. Color(s): School District Standard: Brown..

## PART 3 EXECUTION

### 3.01 INSTALLATION

- A. Install framework, fabric, accessories and gates in accordance with ASTM F567.
- B. Place fabric on outside of posts and rails.
- C. Set intermediate posts plumb. Slope top of concrete mowstrip for water runoff.
- D. Line Post Footing Depth Below Finish Grade: ASTM F567.
- E. Corner, Gate and Terminal Post Footing Depth Below Finish Grade: ASTM F567.
- F. Brace each gate and corner post to adjacent line post with horizontal center brace rail and diagonal truss rods. Install brace rail one bay from end and gate posts.
- G. Provide top rail through line post tops and splice with 6 inch long rail sleeves. Provide swedged ends.
1. Top rails shall be level or gently sloped to conform to site grading.
- H. Install center brace rail on corner gate leaves.
- I. Do not stretch fabric until concrete foundation has cured 28 days.
- J. Stretch fabric between terminal posts or at intervals of 100 feet maximum, whichever is less.
- K. Position bottom of fabric 2 inches above finished grade.
- L. Fasten fabric to top rail, line posts, braces, and bottom tension wire with tie wire at maximum 15 inches on centers.
- M. Install bottom tension wire stretched taut between terminal posts.
- N. Install gate with fabric to match fence. Install hardware.
- O. Provide concrete center drop to footing depth and drop rod retainers at center of double gate openings.

- P. Ground fence.
- Q. Install gate locking devices.

**3.02 TOLERANCES**

- A. Maximum Variation From Plumb: 1/4 inch.
- B. Maximum Offset From True Position: 1 inch.
- C. Components shall not infringe adjacent property lines.

**END OF SECTION**





TO: **Steele Associates Architects**  
**686 NW York Drive, Suite 150**  
**Bend, OR 97703**

**PROJECT NAME: Pilot Butte Middle School – 2017 Renovations**

We hereby submit for consideration, the following product instead of specified item for above project:

Section: 13 419 Paragraph: 2.01 products

Specified Item Metal building manufacturer

Proposed Substitution: Metallic Building Company a subsidiary of NCI

Attach complete dimensional information and technical data including laboratory tests, if applicable.

Include complete information on changes to Drawings and/or specifications, which proposed substitution will require for its proper installation.

Submit with request all necessary samples and substantiating data to provide equal quality, performance, and appearance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance. Differences in quality of materials and construction shall be indicated.

The undersigned states that the following paragraphs, unless modified on attachments, are correct:

1. The proposed substitutions do not affect dimensions shown on drawings.
2. The undersigned will pay for changes to the building design, including engineering design, detailing and construction costs caused by the requested substitution.
3. The proposed substitution will have no adverse affect on other trades, the construction schedule, or specified warranty requirements.
4. Maintenance and service parts will be locally available for the proposed substitution.
5. The proposed substitution will have no affect on applicable codes.
6. The manufacturer's guarantee or warranties of proposed product is equivalent to; or exceeds that of the specified product.
7. Proposed substituted item will match all sizes, profiles, specifications and colors of item originally specified.

List of names and location of three similar projects on which product was used, date of installation, and Architect's name and phone number.

Project No. 1: Face book data centers - Prineville ,OR 2015 sheehan partners 312-633-2900

Project No. 2: Ochoco (Nike) Hangar Hillsboro,OR 2014 TVA Architects 503-220-0668

Project No. 3: Swanson Plywood - Springfield,OR - 2016 complete Bradford - Conrad Crow eng. 503-213-2013

**CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE**

UNDERSIGNED ATTESTS THAT FUNCTION AND QUALITY ARE EQUAL TO OR SUPERIOR TO SPECIFIED ITEMS.

<b>FOR USE BY ARCHITECT:</b>	
<u>XXX</u> Accepted	Accepted as Noted
Not Accepted	Received Too Late
By: <u>Derek Olson</u>	
Date: <u>February 15, 2017</u>	
Remarks: <u>Approved as submitted</u>	
_____	

Submitted By: Dennis Pearman \_\_\_\_\_

Signature : *Dennis Pearman* \_\_\_\_\_

Title: District Sales Manager \_\_\_\_\_

Firm: Metallic Building Company \_\_\_\_\_

Address: 7301 Fairview Houston , TX \_\_\_\_\_

Telephone: 503-504-6397 \_\_\_\_\_

Date : 2/14/2017 \_\_\_\_\_

Above signature must be by person having authority to legally bind his firm to the above terms.

END OF SECTION