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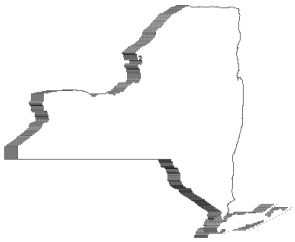
STATE OF NEW YORK
OFFICE OF GENERAL SERVICES
DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242



ADDENDUM NO. 4 TO PROJECT NO. 44826

CONSTRUCTION WORK, PLUMBING WORK, ELECTRIC WORK
INSTALL FLUSHOMETERS,
B & E BLOCKS, BUILDINGS 3 & 32
ATTICA CORRECTIONAL FACILITY
EXCHANGE STREET
ATTICA, NY

January 8, 2015

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

SPECIFICATIONS ALL CONTRACTS

1. SECTION 015000 CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS, Article 1.03, subsection C: Change "Plumbing Work Contract" to "Electric Work Contract".

PLUMBING SPECIFICATIONS

2. SECTION 220523 VALVES, Article 2.01: Add the Following Paragraph:

   "G. All items here-in used to convey water for potable use shall be lead free in accordance with NSF Standard, Standard 61, Section 9 - Standard for Drinking Water and Lavatory Faucets and NSF Standard 372 - Maximum Lead Requirements. Compliance shall be via third party testing and certification".

3. Delete Section 224600 in its entirety, and replace with attached Section 224600 marked Revised 1/7/15.

CONSTRUCTION DRAWINGS

4. Drawing No. S-102 Detail 1: Change note "3/16" Steel Plate to be Welded Over Ex. Cell Back on Interior of Wall" to "1/4" Steel Plate to be Welded Over Ex. Cell Back on Interior of Wall"

5. Drawing No. H-001, Drawing Note No.7 shall be revised to read "Lead paint removal work is required no less than 3" each side of cut center line prior to flame cutting, high speed grinding/cutting or welding".

PLUMBING DRAWINGS

6. Drawing No. P-32.4.1, Detail's 1, 2 and 3, Provide a solenoid valve on the lavatory supply downstream of the manual ball valve.

7. Drawing No. P-32.1.2, Add Drawing Note No.11 "Remove stainless steel combination fixture" Drawing Note No.11 applies to all cells.

8. Drawing No. P-32.1.3, Add Drawing Note No.11 "Remove stainless steel combination fixture" Drawing Note No.11 applies to all cells.

9. Drawing No. P-32.1.5, Add Drawing Note No.16 "Provide stainless steel combination fixture" Drawing Note No.16 applies to all cells.

10. Drawing No. P-32.1.6, Add Drawing Note No.15 "Provide stainless steel combination fixture" Drawing Note No.15 should be placed in all cells.

11. Drawing No. P-3.1.2, Company 24, Add Drawing Note No. 6 to Cell 2.

12. Drawing No. P-3.1.6, Company 24, Shower 2 and Shower 3 shall be changed to Cell 2 and Cell 3; Storage 4 shall be changed to Cell 4.

13. Drawing No. P-3.4.1, Detail No. 4, Remove detail and replace with sketch SKP-1.

ELECTRICAL DRAWINGS

14. Drawing No. E-3.4.2, Detail 6, "Typical Water Control Junction Box", Refer to "Junction Box Notes" add Note 4: Provide Flexible conduit end fittings and cord grips with water tight sealer for final connection to pushbuttons and solenoids, coordinate size and type with manufacturers equipment.

15. Drawing No. E-32.4.2, Detail 6, "Typical Water Control Junction Box", Refer to "Junction Box Notes" add Note 4: Provide Flexible conduit end fittings and cord grips with water tight sealer for final connection to pushbuttons and solenoids, coordinate size and type with manufacturers equipment.

Margaret F. Larkin
Executive Director

END OF ADDENDUM

SECTION 224600

SECURITY PLUMBING FIXTURES

PART 1 GENERAL

1.01 PRODUCTS FURNISHED BUT NOT INSTALLED UNDER THIS SECTION

A. Deliver the following items to the Construction Work Contractor for installation:
   1. Wall sleeves for wall mounted stainless steel fixtures.
      a. Coordinate locations and openings required for sleeves with the Construction Work Contractor.

1.02 RELATED WORK SPECIFIED ELSEWHERE

A. Sealants: Section 079200.

B. Plumbing Fixtures: Section 224200.

1.03 SUBMITTALS

A. Product Data: Catalog sheets, specifications, roughing dimensions, and installation instructions for each item specified except fasteners.
   1. Deliver cut out data for countertop fixtures to the Director's Representative.

1.04 QUALITY ASSURANCE

A. Regulatory Requirements:
   1. Comply with applicable requirements of FS WW-P-541, and the following standards:
   2. Materials and installations designated as handicapped accessible shall conform with the following:
      a. ANSI A117.1 - Buildings and Facilities - Providing Accessibility and Usability for Physically Handicapped People.
      b. The Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities (ADAAG), (Appendix A to 28 CFR Part 36).
      c. The Uniform Federal Accessibility Standards (UFAS), (Appendix A to 41 CFR Part 101-19.6).
   3. Each fixture carrier support shall be listed by model number in the fixture support manufacturer's Fixture Support Selection Guide as being recommended for support of the appropriate fixture.

B. Plainly and permanently mark each fixture and fitting with the manufacturer's name or trade mark.

C. Acid resistant surfaces shall be plainly and permanently marked with the manufacturer's label or symbol indicating acid resistance.

1.05 MAINTENANCE

A. Special Tools: Deliver to the Director's Representative.
   1. Furnish the following tools labeled with names and locations where used.
      a. Keys for stops (furnished with stops).
      b. Tools for Vandal Resistant Fasteners: Two for each type and size.

B. Spare Parts:
   1. Fifteen (15) Type A controllers.
   2. Five (5) Type B controllers.
   3. Ten (10) solenoid valves.
   4. Ten (10) timed delay relays.
   5. Ten (10) Type A push buttons.
   6. Ten (10) Type B push buttons.
   7. Ten (10) electronic flush valves.

PART 2 PRODUCTS

2.01 MATERIALS - GENERAL

A. Stainless Steel: AISI Type 304, 14 gauge, satin finish, except as otherwise specified.

B. Fixture Trim: Brass, bronze, or stainless steel construction; consisting of supply and waste fittings, faucets, traps, stop valves, escutcheons, sink strainers, nipples, supplies, and metal trim.
   1. Brass piping: Ips standard weight, with standard weight, 125 lb cast brass fittings.
   2. Brass tubing: 18 B & S gage.
   3. Stainless steel: 18-8 AISI Type 302 or 304 unless otherwise specified.

C. Fixture Trim Finishes:
   1. Brass or Bronze: Polished or satin finished chrome plating, 0.02 mil chromium over 0.2 mil nickel plating.
   2. Stainless Steel: Invisible welds and seams, and unless otherwise specified, polished to No. 4 commercial finish.

D. Vandal Resistant Fasteners: Torx head with center pin.

2.02 STAINLESS STEEL HANDICAPPED ACCESSIBLE LAVATORIES

A. Acorn's 1652FA-1-BP-4 Individual Front Access Security Type Handicapped Accessible Lavatory, 18 inches wide overall, with the following features:
   1. Fabricate from 14 ga Type 304 stainless steel, seamless welded with exposed surfaces satin finished.
   2. Oval bowl, 14-3/4 inches x 9-1/2 inches x 5 inches deep.
   3. Integral air-circulating, self-draining soap dish.
   4. Pneumatically operated hot and cold water push-button valves, metering non-hold open type requiring less than 5 lbs force to operate.
      a. Maximum Flow: 0.25 gallons per cycle.

5. Fully enclosed cabinet bottom, concealing bottom of bowl, all piping, and with no accessible voids or crevices throughout.
6. Sound-deadened interior with fire resistant materials.
7. Wall sleeve, minimum 12 gauge galvanized steel, with 1/2 inch dia continuous steel bars, on maximum 6 inch centers, penetrating frame, welded in place, and extending 2 inches out from sides for embedment in walls. Provide with required fasteners, all as furnished by fixture manufacturer.
    a. Use vandal resistant fasteners if and where exposed.

B. Drain Assembly:
1. Perforated stainless steel strainer and tailpiece.
2. Cast brass non-adjustable P trap with bottom cleanout.
3. Slip joint fitting.

2.03 INDIVIDUAL STAINLESS STEEL WATER CLOSETS

A. Wall Mount: Acorn's Model 3333-W-1-HET individual front access security type water closet with the following features:
1. Water consumption 1.28 gallons of water or less per flush.
2. Blowout type, concealed wall supply, off-floor mounting, wall outlet.
3. Seamless welded Type 304 stainless steel construction, with satin finished exterior except integral contoured seat shall have sanitary high polished finish.
4. Elongated bowl.
5. Trap: Minimum 3-1/2 inch seal, capable of passing a 2-1/8 inch ball. Waste outlet 2-3/8 inch diameter, plain end.
6 Fixture shall withstand loadings up to 2,000 lbs with no measurable deflection, and loadings up to 5,000 lbs with no permanent damage.
7. Wall sleeve, minimum 12 gauge galvanized steel, with 1/2 inch dia continuous steel bars, on maximum 6 inch centers, penetrating frame, welded in place, and extending 2 inches out from sides for embedment in walls. Provide with required fasteners, all as furnished by fixture manufacturer.
    a. Use vandal resistant fasteners if and where exposed.

2.04 STAINLESS STEEL WATER CLOSETS FOR THE HANDICAPPED

A. Wall Mount: Acorn's Model 3333-W-1-HET-ADA, individual front access security type ADA Compliant Water Closet, as indicated, and with the following features:
1. Seamless welded Type 304 stainless steel construction, with satin finished exterior except integral contoured seat shall have sanitary high polished (No. 7) finish.
2. Water consumption 1.28 gallons of water or less per flush.
3. Blowout type, concealed wall supply, off-floor mounting, wall outlet.
4. Elongated bowl.
5. Trap: Minimum 3-1/2 inch seal, capable of passing a 2-1/8 inch ball. Waste outlet 2-3/8 inch diameter, with pinned cleanout fitting.
6 Fixture shall withstand loadings up to 2,000 lbs with no measurable deflection, and loadings up to 5,000 lbs with no permanent damage.

7. Wall sleeve, minimum 12 gauge galvanized steel, with 1/2 inch dia continuous steel bars, on maximum 6 inch centers, penetrating frame, welded in place, and extending 2 inches out from sides for embedment in walls. Provide with required fasteners, all as furnished by fixture manufacturer.
    a. Use vandal resistant fasteners if and where exposed.

2.05 STAINLESS STEEL COMBINATION SECURITY FIXTURES

A. Acorn's Model 1418-CT-2-BP-GVSP1-HET-EVSPFV-CW-PH Combination Security Type Lavatory-Water Closet, with toilet centered (** = CT) as indicated,, and with the following features:
1. Toilet:
    a. Water consumption 1.28 gallons of water or less per flush.
    b. Blowout type, concealed wall supply, on-floor mounting, wall outlet.
    c. Seamless welded Type 304 stainless steel construction, with satin finished exterior except integral contoured seat shall have sanitary high polished finish.
    d. Elongated bowl.
    e. Trap: Minimum 3-1/2 inch seal, capable of passing a 2-1/8 inch ball. Waste outlet 2-3/8 inch diameter, plain end.
    f. Slip joint fittings.
2. Lavatory:
    a. Oval bowl.
    b. Penal type bubbler/filler.
    c. Electrically operated hot and cold water push-button valves, metering non-hold open type, requiring less than 5 lbs. force to activate as specified herein.
3. Fixture shall withstand loadings up to 2,000 lbs with no measurable deflection, and loadings up to 5,000 lbs with no permanent damage.
4. Wall sleeve (E Block), minimum 12 gauge galvanized steel, with 1/2 inch dia continuous steel bars, on maximum 6 inch centers, penetrating frame, welded in place, and extending 2 inches out from sides for embedment in walls. Provide with required fasteners, all as furnished by fixture manufacturer.
    a. Use vandal resistant fasteners if and where exposed.
5. Four point anchoring system (B Block) with required fasteners, all as furnished by fixture manufacturer.
    a. Use vandal resistant fasteners if and where exposed.

2.06 ELECTRONIC PLUMBING CONTROL SYSTEM

A. Fixture Control Panel: Stainless Steel Wall Mount (Type 304) 24 in. H x 30 in. W x 10 in. D Enclosure: 14 gauge, single door, 3 point latch, continuous hinge pin, seamless inplace gasket, hingable subpanel door, padlocking handle, louvers; Hoffman, Hennessy, Hammond. Control panels shall be constructed and approved as a UL listed industrial control panel assembly.
1. PVC spiral wrap tubing wire harness.
2. 12 amp, 600 V terminal block.
3. 12 amp, 600 V fused terminal block.
4. 20 amp duplex receptacle.
5. Transformer: 120 VAC/24 VAC, 100 VA Class 2, foot mounting.

6. Two Position, Spring Return (right to left) Selector Switch Heads with LED Illumination: Schneider Electric's Model ZB5AK1413 with contact block Model XXX and legend plate. (Off-On).
7. Refer to Drawings for additional related work.

B. Transformers: 120 VAC input, 24 VAC output, Class II, UL listed, 100 VA; MicroPlumb Products Model EL 208 or approved equal.

C. Pushbuttons:
1. Type A: Electronically operated, waterproof pushbutton with stainless steel housing, chrome plated brass flange, round shank and 15 ft. cord with RJ-11 style connector, operating at 35 VDC maximum. Sloan MicroPlumb Model MCR 183-A or approved equal.
2. Type B: Electronically operated, waterproof pushbutton with stainless steel housing, round or 'D' shank to match fixture construction and 15 ft. cord with RJ-11 style connector, operating at 48 VDC maximum. Sloan MicroPlumb Model MCR 140-A or approved equal.

D. Solenoid Valve: Sloan Valve Company's Programmed Water Technologies, Microplumb Products Model No. MCR 139-A.
1. 24 VAC – 50/60 Hz operating voltage.
2. In Rush current 12 VA (500 ma).
3. Holding Current 4.63 VA (193 ma).
4. 7 watts power consumption
5. Maximum water temperature 160 degree Fahrenheit.
6. Brass body with integral "Y" strainer (80 mesh).
7. .375-18 NPTF thread at inlet and outlet.
8. Stainless steel valve seat.

E. Flush Valves:
1. Control Mechanism: Electronically controlled diaphragm operated; do not intermix types.
2. Maximum Flow Per Flush:
   a. Water Closet: 1.28 gallons.
3. Flush Valve Assemblies: Flush valve, stop-check, tailpiece, vacuum breaker, and fixture spud coupling, including wall and spud flanges.
4. Valve Materials:
   a. Valve Body: Brass or bronze.
   b. Valve Internal Parts: Corrosion resistant materials that will not be affected by the action of or contact with water.
5. Operating Features:
   a. Valve operators shall employ the non hold-open feature.
6. Valve Operators:
   a. Type A pushbutton as specified elsewhere.
   b. Maximum Activation Force: 5 lbf.
7. Assembly Components:
   a. Flush Pipe: Seamless brass tubing with integral vacuum breaker, No. 18 B&S gage.
   b. Fitting: Cast brass.

c. Stop-Check: Brass or bronze body, non-rising stem stop valve with a built-in automatic check.
1) Concealed Stop-Check: Wheel handle operated.
d. Spud Coupling and Wall Flanges: Cast brass.

8. Electronic Flush Valves: Concealed diaphragm type with solenoid operator, 24 VAC, 15 ft. cord with RJ-11 connector. Sloan Royal Model 603-ESM or approved equal.

F. Fixture Control Modules:
1. Type A: 8 input/output controllers with programming for four (4) water closets and four (4) lavatories supplied with cold water only. Sloan Model MCR 8002-AX-NY.
2. Type B: 8 input/output controllers with programming for two (2) water closets and two (2) lavatories supplied with cold water only. Sloan Model MCR 8002-AX-NY.
3. Programming instructions shall be factory set but field adjustable by a manual adjustment.
a. Water closets shall be programmed for one (1) flush per hour, including a courtesy flush within five (5) minutes after initial flush.
b. Lavatories shall be programmed for maximum 0.25 gallons per cycle.

G. Electronic Water Control System: All conduit, enclosures, electrical components of the electronic water control system including controllers and all interconnecting low voltage wiring, shall be provided by the Plumbing Contractor.

H. Carefully coordinate all work to assure proper size conduit and enclosures are provided in the appropriate locations. Coordinate power connections with the Electrical Contractor.

I. Provide all required labor for final connections of fixtures to electrical system to insure proper connectivity and operation of all fixtures.

J. Arrange for a representative from the Electronic Water Control System manufacturer to provide on-site support for initial start-up of equipment as required. Include also an appropriate amount of the manufacturer's representative's time to adequately train the personnel selected by the Director's Representative in the proper operation and maintenance of the system.

2.07 CORROSION RESISTANT BOXES

A. Cell Fixture Controller: NEMA 4X 10 in. W x 12 in. H x 6 in. D Enclosure: Piano hinge cover, stainless steel screws and clamps, seamless inplace gasket; Hoffman, Hennessy, Hammond. Provide plastic engraved labels identifying cell numbers and transformers, mount on inside of cover.

2.08 STAINLESS STEEL URINALS

A. Wall Mount: Acorn's Model 1700FA-T-1-FV security type front access urinal with the following features:
1. Water consumption 1.0 gallons of water or less per flush.
2. Blowout type, exposed wall supply, wall outlet.
3. Seamless weld Type 304 stainless steel construction, with satin finish exterior.

4. Trap: P-trap shall be fully enclosed, minimum of 2-1/2 in. seal.
5. Wall sleeve, minimum 12 gauge galvanized steel with 1/2 in. diameter continuous steel bars. Provide with required fasteners, al furnished by the fixture manufacturer.
   a. Use vandal resistant fasteners if and where exposed.

2.09 TEMPLATES

A. One for each type of wall mounted stainless steel penal type fixture specified.

2.10 INDIVIDUAL LAVATORY CONTROLS

A. Provide the following for each lavatory:
   1. Metering Valves:
      a. Construction:
         1) Body with Integral Checkstops, and Strainer: Brass or bronze.
         2) Push-button and Strainer Screen: Stainless steel.
         3) Pneumatic Housings: Thermoplastic.
         4) Air and Water Feed Lines: FDA approved polyethylene tubing.
         5) Braided stainless steel flexible 1/2 inch id. connections at hot and cold water supplies to valve.
      b. Operation: Pneumatic valve, hot and cold mixing, non-hold open type, hand push-button operation requiring less than 5 lbs of force to actuate. Valve capable of remote mounting (up to 10 feet) from actuation push-button.
         1) Timing Cycle: Adjustable from two seconds to over one minute delivering full flow during the entire cycle.
            a) Maximum Flow: 0.25 gallons per cycle.
         2) All adjustments shall be concealed.

2.11 RJ-11, EXTENSIONS, SPLICES, AND ACCESSORIES

A. Acceptable Company: Sloan Valve Company's Programmed Water Technologies Microplumb Products or equal.

B. Type:
   1. Extensions shall be one of the following options. No deviations from the selected option will be allowed:
      a. Option No. 1: Sloan Valve Company's Programmed Water Technologies 20' four wire extension cord kit with 6 position, 4 pin RJ-11 modular plug.
      b. Option No. 2: Flat style phone cable consisting of 4 wires with 6 position, 4 pin RJ-11 modular plug.
   2. RJ-11 Splices shall be one of the following options. No deviations from the selected option will be allowed:
      a. Option No. 1: As recommended by Sloan Valve Company's Programmed Water Technologies Microplumb products.
      b. Option No. 2: Connections between two RJ-11 style connectors shall be made with a non-reversing coupling.
      c. Option No. 3: Connections between two cables without RJ-11 style connectors shall be made with Ideal's Telephone Splice Connectors models 85-950 or 85-925, or equal.

3. General: RJ-11 Extensions and splices specified are part of a system. Furnish extensions and splices, and use specific tools and methods as recommended by extension manufacturer to form complete system.

C. Tapes:
   1. Insulation Tapes:
      a. Plastic Tape: Electrical Products Div./3M's Scotch Super 33+ or Scotch 88, Plymouth Rubber Co.'s Plymouth/Bishop Premium 85CW.
      b. Rubber Tape: Electrical Products Div./3M's Scotch 130C, or Plymouth Rubber Co.'s Plymouth Bishop W963 Playsafe.
   2. Color Coding Tape: Electrical Products Div./3M's Scotch 35, or Plymouth Rubber Co.'s Plymouth/Bishop Premium 37 Color Coding.

D. Wire-Pulling Compounds: To suit type of insulation; American Polywater Corp.'s Polywater Series, Electric Products Div./3M's WL, WLX, or WLW, Greenlee Textron Inc.'s Y-ER-EAS, Cable Cream, Cable Gel, Winter Gel, Ideal Industries Inc.'s Yellow 77, Aqua-Gel II, Aqua-Gel CW, or Thomas & Betts Corp.'s Series 15-230 Cable Pulling Lubricants, or Series 15-631 Wire Stick.

E. Wire Management Products: Cable clamps and clips, cable ties, spiral wraps, etc., by Catamount/T&B Corp., or Ideal Industries Inc.

PART 3 EXECUTION

3.01 FIXTURE INSTALLATION

A. Install the Work of this section in accordance with the manufacturer's printed installation instructions.

B. Install fixtures level and at proper height, tighten connections, and install hold-down bolts, cap nuts and cover plates, where required.

C. Secure exposed external components in place with vandal resistant fasteners or devices which cannot be removed without the use of special tools.

D. Lavatories:
   1. Mount lavatories 31 inches from finished floor to rim unless otherwise specified.
   2. Mount handicapped accessible fixtures 34 inches from finished floor to rim. Refer to Standard Drawing No. 93/S3013 bound herein, for special clearances required for handicapped accessible fixtures.
   3. Caulk joint between fixture back and wall with Type 6 sealant; strike a neat joint.

E. Water Closets:
   1. Wall Hung Fixtures:
      a. Standard Fixtures:
         1) Mount 15 inches from finished floor to rim unless otherwise specified.
         2) Install integral seat fixtures 16-13/16 inches from finished floor to top of seat.

b. Caulk the joint between fixture back and wall with Type 6 sealant; strike a neat joint.

2. Floor Supported Fixtures:
   a. Set fixture in bed of setting compound; remove excess.
   b. Caulk base perimeter with Type 6 sealant; strike a neat joint.
3. After connections are tightened, install cap nuts and washers.

F. Flush Valves:
1. Standard Fixtures: Install flush valves on fixture centerline, and at following heights above fixture rim or back to centerline of water inlet to flush valve.
   a. Water Closet: 11-1/2 inches.
2. Handicapped Accessible Fixtures: Install flush valves on fixture centerline, and at following heights above finished floor to centerline of flush valve operator. Distance between centerline of flush valve operator and centerline of water inlet is 1-1/2 inches.
   a. Water Closet: Approximately 31-1/2 inches, and mounted on wide side of stall.
      1) Coordinate mounting height with Construction Work Contractor to avoid interference with grab bar, and to facilitate flush valve servicing.
3. Set oscillating handles parallel to wall on exposed installation.
4. Slip joints in flush pipe connections allowed only at fixture spud and vacuum breaker ends; others shall be screwed connections.
5. Score tubing ends before assembling to assure tight slip joint connections. No score marks shall be visible after assembly.
6. In utility corridors, solder screwed flush pipe connections.

G. Existing Combination Security Fixtures:
1. Inspect existing fixtures to be reused to confirm appropriate type of push button required prior to ordering materials.
2. Caulk the joint between fixture back and wall with Type 6 sealant, strike a neat joint.
3. Caulk base perimeter with Type 6 sealant, strike a neat joint.

H. Stainless Steel Combination Security Fixtures:
1. Caulk the joint between fixture back and wall with Type 6 sealant, strike a neat joint.
2. Caulk base perimeter with Type 6 sealant, strike a neat joint.

3.02 SOLENOID VALVES

A. Apply 3M’s Silicone Paste 08946 or equal to female disconnect terminals on cable for Sloan’s Solenoid Valve (MCR 139-A) and to the contacts on Sloan’s Solenoid Valve (MCR 139-A) as per manufacturer’s recommendations.

3.03 CLEANING, FLUSHING AND ADJUSTMENT

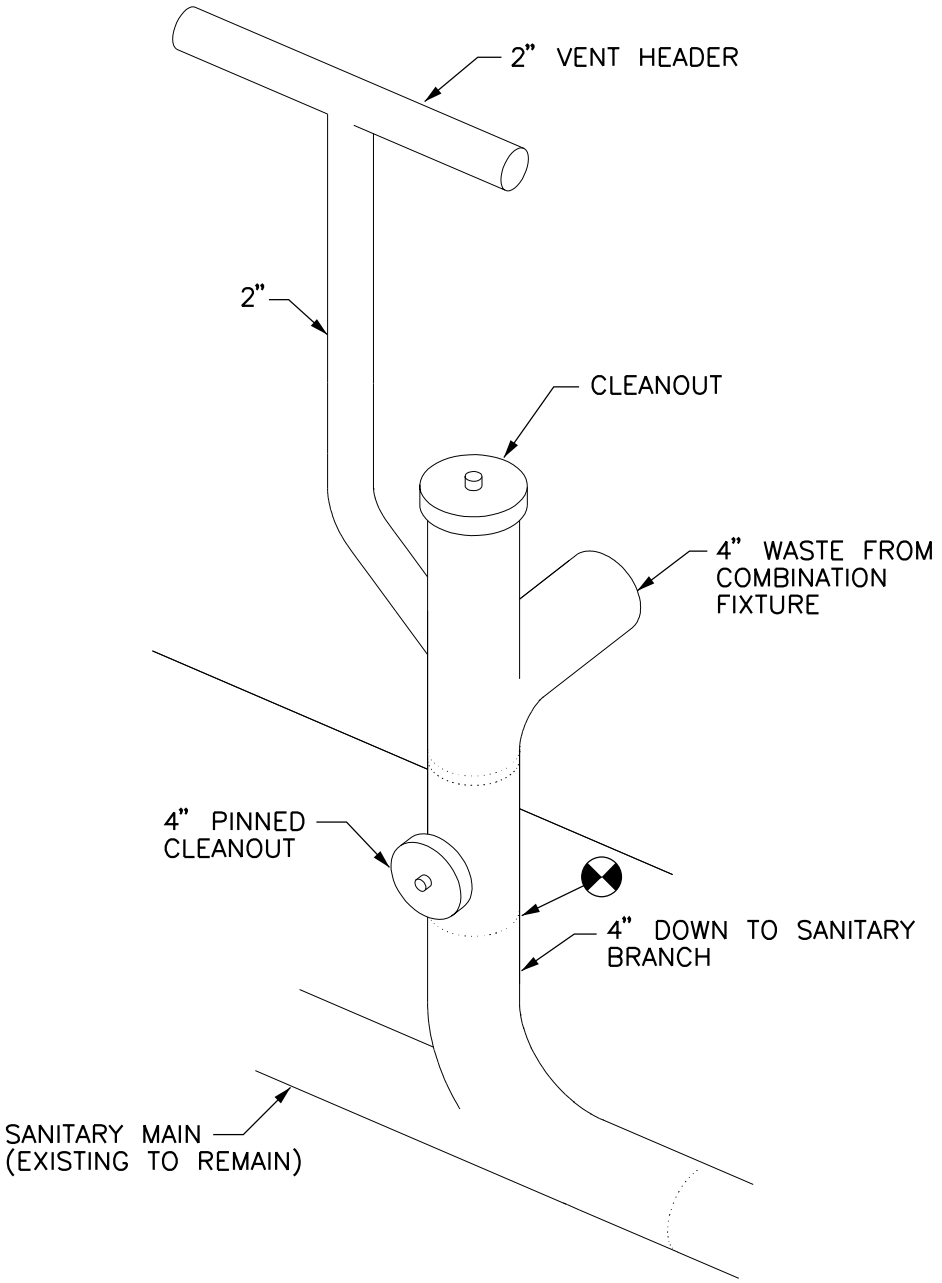
A. Clean fixture and trim. Remove grease and dirt; polish surfaces but leave stickers and warning labels intact.

B. Flush supply piping and traps; clean strainers.

C. Adjust stops for proper delivery.

D. Adjust metering faucets for proper timing.

END OF SECTION



PIN TRAP DETAIL

1
SKP-1

SCALE: NONE

ADD No. 4 REFERENCE DRAWING: P-3.4.1

NYS OFFICE OF GENERAL SERVICES
Serving New York

CONTRACT:	PLUMBING
PROJ. NO:	44826-P
DATE:	01/07/15
DRAWN:	SJZ
APPROVED:	DMS

M/E ENGINEERING P.C.
MECHANICAL/ELECTRICAL ENGINEERING CONSULTANTS
WATERFRONT VILLAGE CENTER
SUITE 320, 60 LAKEFRONT BOULEVARD
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(716)845-5092 FAX: (716)845-5157
M/E JOB 13115

SHEET TITLE: DETAIL - PLUMBING

PROJECT: INSTALL FLUSHOMETERS
B & E BLOCKS, BUILDING 3 & 32

DWG NO: SKP-1

8.5x11 PLOT SHEET