

PUBLIC ADVERTISEMENT FOR CONSTRUCTION PROPOSALS

PROJECT: Chautauqua Park Shelter Building Renovation Project Public Advertisement

Contractors:

The Kewanee Park District will be accepting single lump sum proposals for the Renovations to the Chautauqua Park Shelter Building. Project will consist of existing floor patching and preparation (grinding or leveling) & resinous coating, restroom renovations including installation including misc. piping & pipe covers for new plumbing fixtures, toilet partitions (2 for women's RR, 1 for men's RR), ADA required toilet accessories, painting, resinous flooring, and new light fixtures with ceiling mounted motion detector), removal and replacement of the (5) existing exterior doors (including saw cutting & new steel lintels and brick patching to accommodate a new 3' x 7' ADA door opening for each restroom), frames, & hardware, new stainless steel prep counter with sink (provided by owner) at the kitchen/prep area, new LED strip light fixtures (8) & (2) ceiling fans, replacement of all existing MC cable with rigid metallic conduit and wire and replacement of all duplex & quad outlets with new GFCI outlets throughout the area, removal of existing oven power back to the panel/disconnect, gutters & downspouts with water diversion away from the building, and management of the project from award through completion and final acceptance. Add/Alternate #1 – (1) ductless mini-split system with (2) wall mounted head units, integrated controls to heat & cool the shelter space adequately including all necessary piping, supports, electrical work, etc. for a fully functioning system. Add/Alternate #2 - resurfacing of the existing (2) 6' x 52' shuffleboard courts with game lines. Add/Alternate #3 – Sealant for interior masonry throughout inside of the shelter area.

Responses will need to have the following items addressed:

- Project Schedule – including construction timelines showing final completion prior to May 1, 2026
- References

Pre-Bid walk-through of the project will be held on November 13, 2025 at 2:00 PM. Deadline for questions is November 20, 2025, and the proposals are due to the Kewanee Park District Office by 2:00 PM on December 15, 2025.

The Kewanee Park District reserves the right to interview all responders from this IFB and award will be based on the most responsible respondent that is the most advantageous to the Kewanee Park District. The awarded Contractor will expect to be contracted to the Kewanee Park District utilizing an AIA 101-2017 Standard Form of Agreement Between Owner and Contractor with a Stipulated Sum. This project will require Prevailing Wages paid to all workers on the project per the Illinois Prevailing Wage Act, 820 ILCS 130/.01 et seq.

For further questions or to receive electronic copies of the bid documents, please contact:
Adwyer@kewaneeParkDistrict.org

CHAUTAUQUA PARK SHELTER RENOVATIONS PROJECT

SCOPE OF WORK

- GENERAL CONSTRUCTION

- DOORS/FRAMES/HARDWARE

- Remove existing Restroom doors/frames/hardware and modify existing opening to receive new 2" hollow metal door frame with a new exterior door with keyed deadbolt operation and push/pull hardware and kickplates. Door opening modification to allow for a rough opening of 40 1/4" x 86 1/4" for new door frame & 3'-0" x 7'-0" door.
 - Remove existing Maintenance/Garage Area man door & frame and replace with like size door and frame with keyed deadbolt operation and a lever handset and kickplate.
 - Remove existing Shelter area double doors and frames with like size doors and frames with keyed deadbolt operation, lever handsets, flush bolts and kickplates.

- PAINTING/FLOORING

- Provide all required floor preparation and resinous flooring system for the (2) restrooms and the shelter area per the specifications
 - Painting of the new doors and frames
 - Painting of the restroom walls & ceiling
 - Alternate #2 – Provide all required surface preparation and flooring system for the (2) 6' x 52' shuffleboard courts including game markings per specifications.
 - Alternate #3 – Provide all surface preparation and installation of a clear gloss coating over the existing interior masonry walls of the shelter area.

- RESTROOM SCOPE

- Demolition of existing wood toilet partitions and false walls for urinal & tank closet
 - Furnish and Install new toilet partitions per specification for the following layout
 - Men's Restroom – (1) ADA compliant stall
 - Women's Restroom – (1) ADA compliant stall & (1) regular stall
 - Furnish and Install new toilet accessories including ADA required grab bars, ADA required mirrors, Toilet Paper holders, soap dispensers

- PLUMBING SCOPE

- RESTROOM SCOPE

- Provide all necessary water piping (install utilizing PEX with expansion fittings) installed with required hangers/supports and fittings as well as sheet metal covers over the piping for the installation of the new fixtures (per specifications attached)
 - Provide all necessary sanitary piping modifications for the installation of the new plumbing fixtures, including cleanout caps for existing rough-ins that will be abandoned.

- KITCHEN SCOPE

- Provide all necessary water piping (install utilizing PEX with expansion fittings) installed with required hangers/supports and fittings as well as sheet metal covers over the piping for the installation of the new owner provided sink/prep table including any sanitary piping modifications

- ELECTRICAL SCOPE
 - RESTROOM SCOPE
 - Replace existing light fixture with new LED 4' strip light equal to specified fixture with a ceiling mounted occupancy sensor.
 - Provide power and hookup for a new electric hand dryer per specifications
 - SHELTER SCOPE
 - Replace existing MC Cable with rigid conduit & wire to existing outlet locations and wiring devices. Install GFI outlets at existing locations
 - Remove in its entirety the oven power back to the breaker/disconnect
 - Replace existing ceiling fans with new fans per specifications
 - Replace existing light fixtures with new LED light fixtures per specifications and add (1) additional fixture to the space. Total of (5) fixtures to be installed (3) in the main area and (2) over the prep/entry area. Fixtures to be controlled via ceiling mounted occupancy sensors.
 - Replace existing Electrical Panel with new 100 AMP panel, reconnecting the existing to remain circuits in new panel and adding new breakers and circuits as shown in the Panel Schedule for new outlets & fixtures.
- EXTERIOR SCOPE
 - Remove and replace existing south gutter to make all water flow to the East downspout, install drainage tile to the hillside east of the parking area (include sawcutting, removal, excavation & backfill, and asphalt patching)
 - Install drainage tile at existing (2) North downspouts to drain to hillside (including excavation & backfill).
- ALTERNATE #1 SCOPE
 - HVAC to install a mini-split system per the specifications, including any necessary hangers/supports/pads and linehide/lineset covers
 - Electrical work to hook up the mini-split system
- ALTERNATE #2 SCOPE
 - Prep the existing shuffleboard surface, coat surface per specifications, stripe shuffleboard surface per specifications, and seal surface per specifications.
- ALTERNATE #3 SCOPE
 - Prep the existing interior masonry walls of the Shelter Main Area Space & seal with a glossy sealant per the specifications.

Chatauqua Park

Shelter House Site Plan

Legend

Chatauqua Park

Pine St

N Jt Ave

N Jt Ave

New Downspout & diverter

Remove & Replace
Double Door & Frame &
Hardware

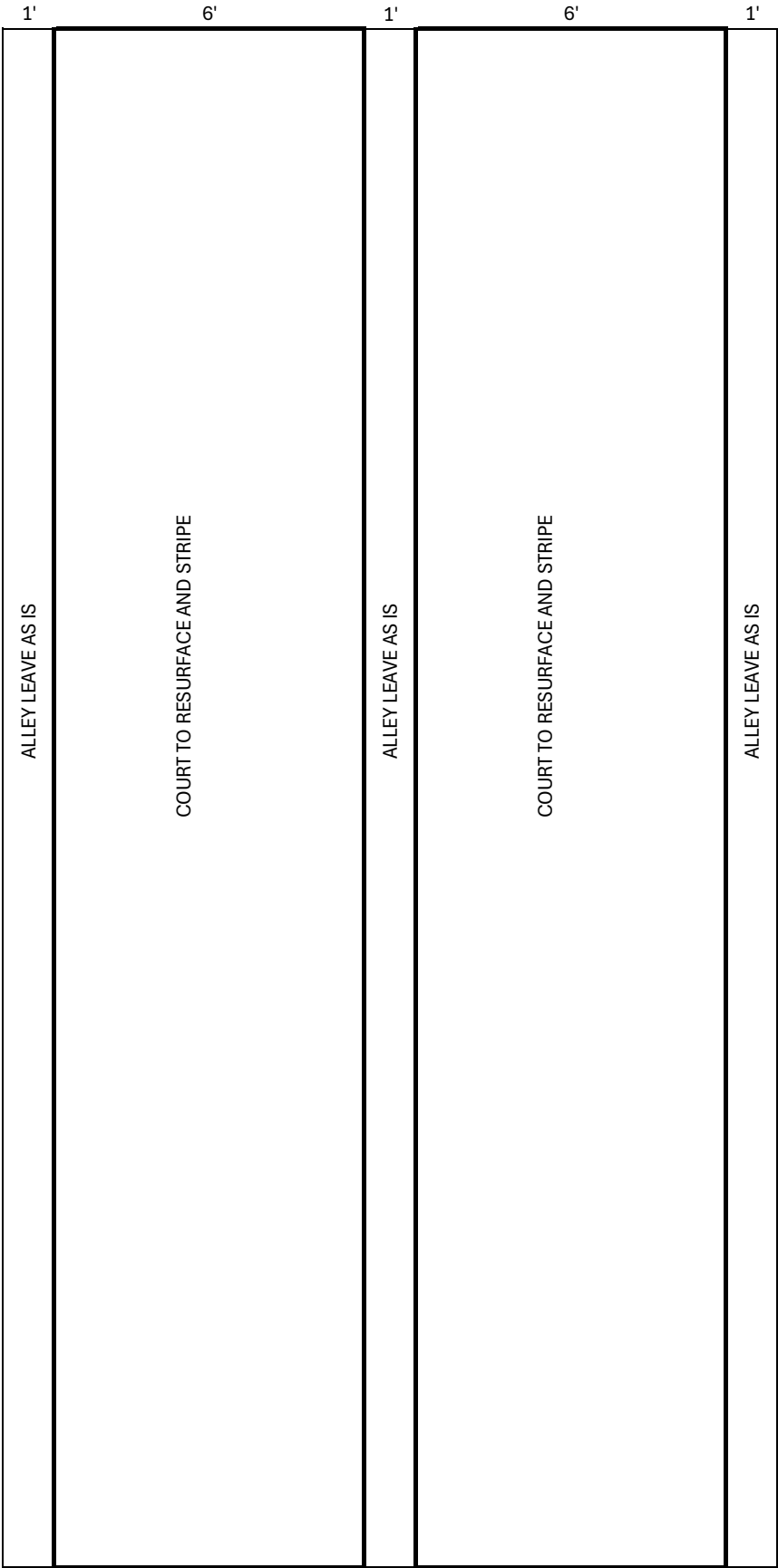
New 1" Water
Service

Remove & Replace
Single Door & Frame &
Hardware

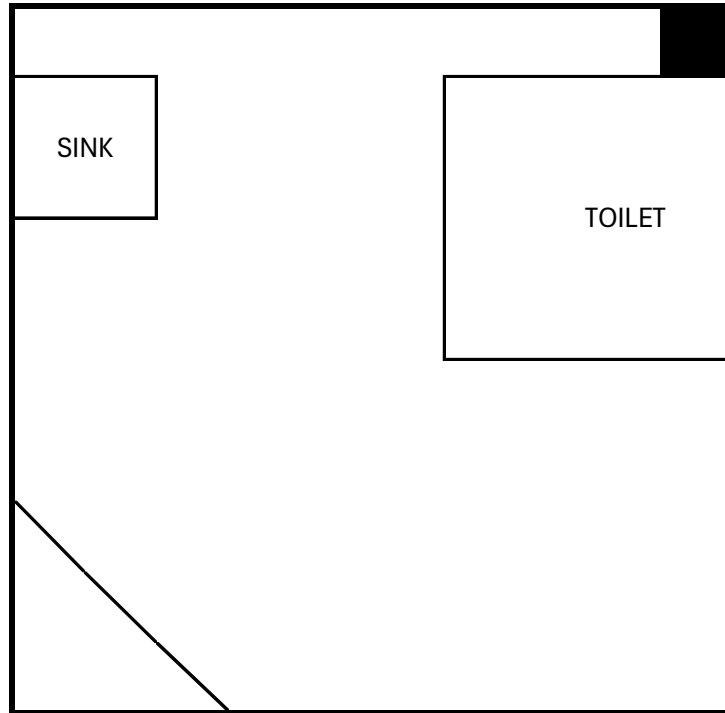
Shuffleboard
Courts



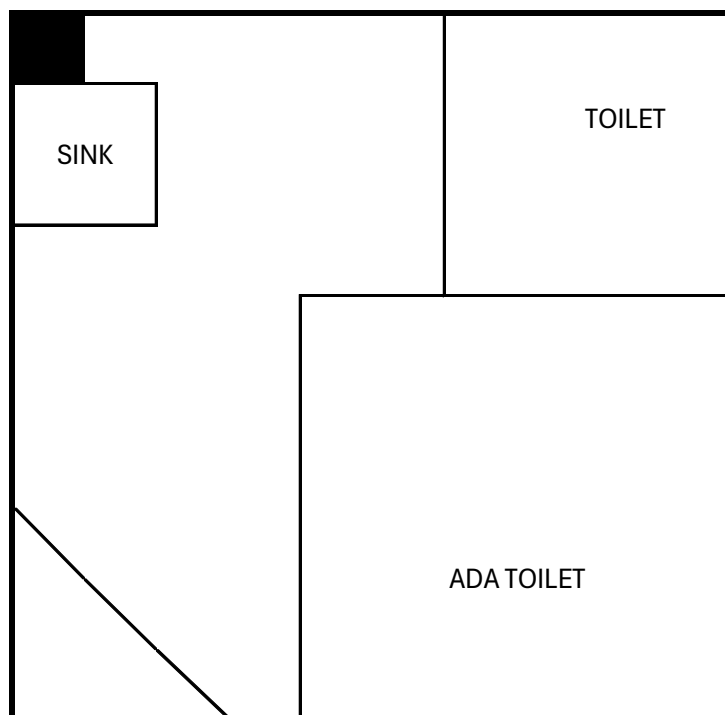
SHUFFLEBOARD RESURFACING



EXISTING WOMEN'S RESTROOM



NEW WOMEN'S RESTROOM



**Call Us Toll Free: 1 (866) 554-HEAT (4328)**

Monday - Thursday: 8am - 6pm CST

Friday: 9am - 5pm CST

Saturday and Sunday: Closed

Basic Room & Home

Room Type	Other Room
Room Size	2000 sq. ft.
ZIP Code	61443
Building Age	Before 1975

Walls

Wall Type	Frame Wall (Siding or Stucco)
Wall Insulation Quality	No Insulation
North Wall Exposed Area	600 sq.ft.
East Wall Exposed Area	480 sq.ft.
South Wall Exposed Area	600 sq.ft.
West Wall Exposed Area	480 sq.ft.

Ceiling

Ceiling Exposed	Yes
Ceiling Insulation Quality	No Insulation
Ceiling Type	Ceiling Under Attic

Floor

Floor Exposed	Yes
Floor Insulation Quality	No Insulation

Temperature

Avg. Outdoor Temp. High	91
Avg. Outdoor Temp. Low	-2
Desired Indoor Cooling	75
Desired Indoor Heating	70

Windows

Window Type	Single Pane
	4 Windows
North Wall	0 Sliding Doors
	0 French Doors
	2 Windows
East Wall	0 Sliding Doors
	0 French Doors
	2 Windows
South Wall	0 Sliding Doors
	0 French Doors
	0 Windows
West Wall	0 Sliding Doors
	0 French Doors

Floor Type	Floor Over Basement or
	Crawlspace

Load Results (BTU/hr)

	Cooling load	Heating load
Wall	11641	35666
Window	2666	6221
Ceiling	38352	58752
Floor	1168	15965
Infiltration	3379	26928
Internal	500	
MRA *	24814	
Total	82,500 BTU/hr	143,600 BTU/hr

* MRA - Moisture Removal Allowance: It is typical for roughly 30% of your air conditioner's capacity to be used to reduce the humidity in your home.

Disclaimer: This sizing tool, although based on a version of the ACCA Manual J, is for informational use and is intended only as a guide to assist with finding the best product for your needs. Since the calculations are based on the information provided, Power Equipment Direct, Inc. assumes no responsibility for inaccuracies resulting from improperly sized equipment. For a complete, professional sizing estimate, please call us at 866-554-HEAT (4328).

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Fluid-applied flooring and base.

1.2 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns and colors available.
- C. Samples: Submit two samples. 6"x6" in size illustrating color and pattern and flake color coverage for each floor material for each color specified.
- D. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention, and application rate for each coat.
- E. Manufacturer's Qualification Statement.
- F. Maintenance Data: Include maintenance procedures, recommended maintenance materials, procedures for stain removal, repairing surface, and suggested schedule for cleaning.

1.3 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

1.4 FIELD CONDITIONS

- A. Maintain ambient temperature required by manufacturer 72 hours prior to, during, and 24 hours after installation of materials.

PART 2 PRODUCTS

2.1 FLUID-APPLIED FLOORING SYSTEMS

- A. Resinous floor system for existing slabs on grade
 - 1. System Thickness: Manufacturers Standard Thickness for system specified
 - 2. Color: As selected by Architect.

2.2 RESINOUS FLOOR SYSTEM FOR EXISTING SLABS ON GRADE & ~~BASE ON CMU WALLS.~~

- A. Floor Prep

1. Shot Blast surface of concrete
 - a. Profile: CSP3 per Concrete Repair Institute
- B. Install non-shrink epoxy polymer fill mastic in joints, cracks, defects, and pop outs in subfloor
 1. Install per manufacturers recommendations
 2. Versatile Building Products; "Crack-Weld"
- C. 1st coat - Liquid Moisture Management System per ASTM F141
 1. Compressive Strength: 10,800 psi per ASTM D695
 2. Adhesion: 350 psi per ACI 503R
 3. Vapor Transmission Maximum: .5395 perms (.2272 grain/hr-ft squared)
 4. Apply at 200 square feet per gallon
 5. Versatile Building Products; "4100 Epoxy Primer"
- D. 2nd coat - Liquid Primer - Pigmented 2 part epoxy primer
 1. Compressive Strength: 10,800 psi per ASTM D695
 2. Adhesion: 350 psi per ACI 503R
 3. Vapor Transmission Maximum: .5395 perms (.2272 grain/hr-ft squared)
 4. Apply at 200 square feet per gallon
 5. Versatile Building Products; "4150 Vapor Stop"
- E. Floor Flakes
 1. Size: 1/4"
 2. Dry Film Thickness: 5 mils
 3. Broadcast at 200 square feet per 25lb bag
 4. Versatile Building Products; "Epoxy Flakes"
 - a. Color as selected from Manufacturers colors
- F. 3rd and 4th coats - Liquid Topcoat Sealer - Polyaspartic Topcoat - 85% solids
 1. Shore Hardness: 75 to 80 per ASTM D2240
 2. Adhesion: 350 psi per ACI503R
 3. Abrasion: 2.78 mg lost per ASTM D4060
 4. Apply at 200 square feet per gallon per coat
 - a. Apply 2 coats
 5. Versatile Building Products; "5085 and 5085 Ultra High Solids Polyasparatic Topcoat"

Or Grinding of existing surface as specified by Manufacturer

Or similar by Sherwin Williams

Or similar by Sherwin Williams

Or similar by Sherwin Williams

Or similar by Sherwin Williams

Or similar by Sherwin Williams

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that subfloor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive flooring.

- B. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive flooring.
- C. Verify that subfloor surfaces are dust-free and free of substances that could impair bonding of materials to subfloor surfaces.

3.2 PREPARATION

- A. Remove subfloor ridges and bumps. Fill low spots, cracks, joints, holes, and other defects.
- B. Apply, trowel, and float filler to achieve smooth, flat, hard surface. Grind irregularities above the surface level. Prohibit traffic until filler is cured.
- C. Vacuum clean substrate.

3.3 INSTALLATION - FLOORING

- A. Apply in accordance with manufacturer's instructions.
- B. Apply each coat to minimum thickness required by manufacturer.
- C. Finish to smooth level surface.

3.4 PROTECTION

- A. Prohibit traffic on floor finish for 48 hours after installation.
- B. Barricade area to protect flooring until fully cured.

END OF SECTION

M17A-UL / M17AB-UL / M17AC-UL / M17ACS-UL / M17AF-UL

General Description

- Warm air high speed hand dryer recommended for very high traffic areas.
- Surface mounted ADA-compliant.
- Maximum robustness and vandal-proof.
- Energy efficient, it only consumes 2.8 watts per drying cycle.
- Building Green Approved & offering LEED Credits.
- HEPA filter medium cartridge which filters solid particles in suspension, improving air quality.
- Universal voltage.

Components & Materials

- **M17A-UL:** 1/16" (1.5 mm) thick one-piece steel cover; white epoxy finish
- **M17AB-UL:** 1/16" (1.5 mm) thick one-piece steel cover; black epoxy finish
- **M17AC-UL:** 1/16" (1.5 mm) thick one-piece stainless steel cover; bright finish
- **M17ACS-UL:** 1/16" (1.5 mm) thick one-piece stainless steel cover; satin finish
- **M17AF-UL:** 3/16" (4.5 mm) thick one-piece cast iron cover, white porcelain finish
- **MOTOR:** High pressure class F, with self-resettable safety cut-out and adjustable speed between 23,000 and 32,000 rpm. This regulation is carried out manually by means of a potentiometer located on the electronic board to adjust the power consumption of the dryer. The motor has been configured to have a smooth start to extend its life.
- **ELECTRONIC DETECTION SENSOR:** by infrared beam with detection distance adjustable by potentiometer between 2" and 8". It incorporates a safety system that detects any fixed target and makes hand dryer stop automatically in case a fixed object is placed in front of the sensor. In addition it has an automatic disconnection system of the unit after the 30 seconds of continuous use of the dryer.
- **500 W HEATING ELEMENT:** with a self-resettable safety cut-out. It can be switched off manually with an ON/OFF micro switch located on the electronic board, allowing to regulate the power consumption of the hand dryer.
- **BASE PLATE:** made of aluminum, it incorporates acoustic dampening elements (silent-blocks) for the suppression of mechanical vibrations.
- **FAN SCROLL:** made with Polyamide 6 (PA 6) incorporating a flame retardant additive (UL 94 V0) that increases the resistance to plastic ignition and once ignited reduces the rate of flame propagation.
- **HEPA FILTER MEDIUM CARTRIDGE:** Filters solid particles in suspension, significantly improving air quality. This filter traps micro particles in the air such as pollen, dust mites, fungi, tobacco smoke, etc..
- **ODOR NEUTRALIZER TABLET:** an optional odor neutralizer tablet for a cleaner and more pleasant atmosphere in the bathroom is available (Code RCPOM14).
- **WALL FIXING ELEMENTS:** stainless steel screws for brick wall with their corresponding plastic plugs are provided with the hand dryer.

Technical Specifications

Voltage - 100-120V; 208V; 220-240V	Total power - 180- 850 W
Frequency - 50/ 60 Hz	Motor Power - 350 W
Insulation - Grounding required (Class I)	Heating element: 0 or 500W
Dimensions	Consumption
M17A/AC/AB/ACS 10 1/2"H x 11 1/2"W x 4"D	H. Element OFF: 2.5 - 3.5A
M17AF 10-5/8"H x 11-5/8"W x 4"D	H. Element ON: 4.8 - 7A
Weight - M17A/AC/AB/ACS - 8.4 Lbs.	r.p.m. - 23,000-32,000 rpm
M17AF - 15,65 Lbs.	
Effective airflow - 20-27 CFM	Air temperature - (at 4" distance/ T amb. 77 °F) 93-109 °F
Max air velocity - 250 mph/ 22,000 LFM	Drying time - 10 - 12 sec
Protection level - IP23	Noise level (at 79") - 57 - 65 dBA



Please mark the selected item



code
M17A-UL
material
steel
finish
white epoxy



code
M17AB-UL
material
steel
finish
black epoxy



code
M17AC-UL
material
stainless steel
AISI 304
finish
bright



code
M17ACS-UL
material
stainless steel
AISI 304
finish
satin



code
M17AF-UL
material
cast iron
finish
white porcelain
enamel coating

Operation

Place hands under the air outflow valve. The dryer will start automatically, and go on with no interruption as long as the hands are kept in the detection range of the sensor. The appliance will stop 2 seconds after the hands are removed from the airflow.



Saniflow Corp reserves the right to make changes and/or modifications to the products and their specifications without warning or notice.

For further info please contact SANIFLOW on: Toll free: **1-877-222-9125** or visit our website at **www.saniflowcorp.com**
Tel: +1 (305) 424 2433 Fax: +1 (305) 424 2435 · **sales@saniflowcorp.com**

HandDryerSupply.com | 804-859-2498 | http://www.handdryersupply.com

Installation

Verify all rough-in dimensions prior to installation. Hand dryers require a dedicated circuit and must be properly grounded. A GFCI (Ground fault circuit interrupter) is recommended. One side of dryer should be mounted to a stud.

Certificates & Qualifications

Unit shall be UL and CSA approved, according to UL 499; CSA C22.2 Standards and Building Green Approved. UL and CSA approved according to UL 499 and CSA C22.2 Standards.

N° dryers to be fitted

- In toilet areas with a normal frequency of use and only one wash-basin: 1 dryer.
- In toilet areas with a normal frequency of use and more than one wash-basin: 1 dryer for each 2-3 wash-basins.
- 1 row of 4 wash basins: 2 dryers; 1 row of 6 wash basins: 3 dryers; 1 row of 8 wash basins: 4 dryers.
- In toilet areas with high traffic and more than one wash-basin: 2 dryers for each 3 wash-basins.
- 1 row of 4 wash basins: 3 dryers; 1 row of 6 wash basins: 4 dryers; 1 row of 8 wash basins: 5 dryers.

Ideal location

Between the wash-basin and exit. It is not recommended to install dryer between wash-basins, next to urinals, lavatories and showers. If installing automatic dryers over marble surface or ledge, the minimum distance from the dryer to the ledge must be 15-3/4". It is recommended that hand dryers be distributed throughout the washroom area to avoid overcrowding.

Guide Specification

Surface-mounted ADA compliant hand dryer shall have a 1/16" thick steel cover with white epoxy finish (M17A-UL), or a 1/16" thick steel cover with black finish (M17AB-UL), or a 1/16" thick stainless steel cover with bright finish (M17AC-UL), or a 1/16" thick stainless steel cover with satin finish (M17ACS-UL), or a 3/16" thick cast iron with white porcelain enamelled coating (M17AF-UL). Hand dryer shall include aluminum base plate 1/8" thick, infrared sensor adjustable (2" to 8") via potentiometer, universal brush motor fully adjustable (23,000-32,000 RPM) via potentiometer as well and HEPA filter medium cartridge which filters solid particles in suspension, significantly improving air quality. Dryer shall operate at 57-65 dBA while delivering 20-27 CFM of air at 109 °F (42°C) and 250 mph as maximum air velocity (Max - 22,000 LFM) during user controlled drying cycle. Dryer shall have a total power of 180 - 850 W with a consumption of 2.5 - 7 A. Heating element made of Ni-Cr and with a self-resettable safety cut-out. It can be switched off manually "ON / OFF" micro-switch located on the electronic board, allowing to regulate the power consumption of the hand dryer. In case of motor failure the heating element is immediately switched off automatically.

Unit shall be UL and CSA approved, according to UL 499, CSA C22.2 standards, and Building Green Approved.

Overall dimensions:

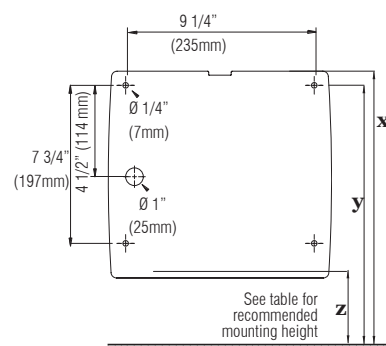
M17A, M17AB, M17AC, M17ACS: 10 1/2"H x 11 1/2"W x 4"D (270mm x 290 mm x 100 mm)

M17AF: 10-5/8"H x 11-5/8"W x 4"D (270 mm x 295 mm x 102 mm)

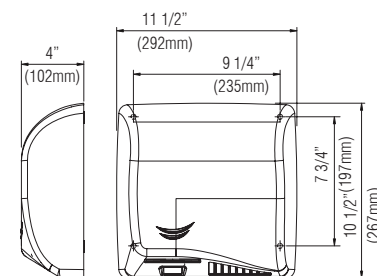
Recommended heights from floor

	 Male	 Female	 Child	 Disabled
x To top of machine	56" / 142 cm	54" / 137 cm	46" / 117 cm	48" / 122 cm
y To mounting bracket screw	55" / 140 cm	53" / 135 cm	45" / 115 cm	47" / 120 cm
z To sensor top	46" / 117 cm	44" / 112 cm	36" / 92 cm	38" / 97 cm

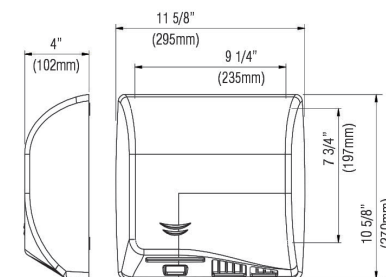
MOUNTING



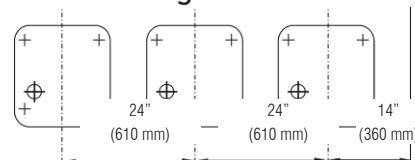
M17A-UL / M17AB-UL / M17AC-UL / M17ACS-UL



M17AF-UL



Serial mounting



Job:

Model number:

Variations:

Architect / Engineer:

Contractor:

Customer / Wholesaler:

City / State / Country:

Date:

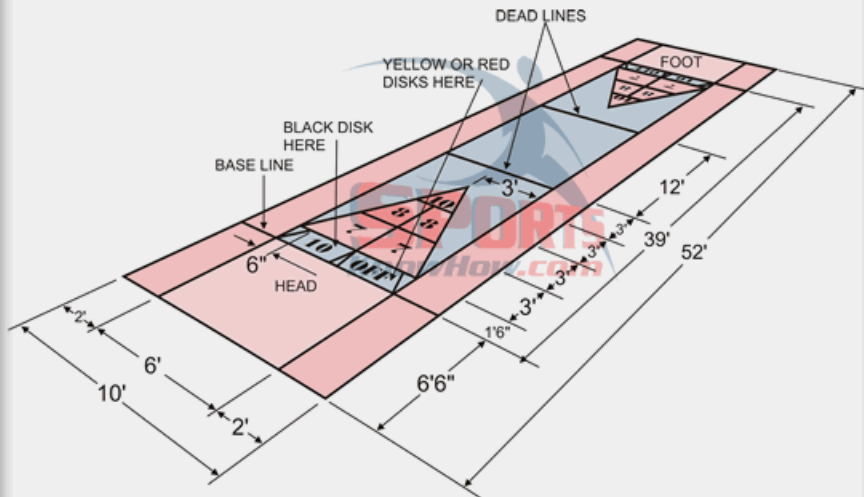
Quantity:

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Penal-Ware® 1705 Series

Straddle - Blowout Jet Urinal - ADA Compliant



1705-T-1-FV

1705-W-1

Fixture May Show Some Available Options

Please visit www.acorneng.com for most current specifications.

Straddle - Blowout Jet Urinal - ADA Compliant

Fixture is arranged to be installed on finished wall and serviced from an accessible pipe chase. Optional Wall Sleeve or Metal Template is recommended for all installations for required wall openings. Unit conforms with ANSI, UFAS and ADA requirements for accessibility. Compliance is subject to the interpretation and requirements of the local code authority. Fixture is fabricated from 14 gage, type 304 stainless steel and is seamless welded construction. Exterior has a satin finish. Interior has a matte finish. Fixture is back wall washdown type, and is optionally available with a continuous flushing rim that washes all four walls. Corners are coved to facilitate cleaning. P-trap is fully enclosed. Back of fixture is sound-deadened with fire-resistant material. There are no accessible voids or crevices where contraband can be concealed.

Urinal is blowout jet type with back wall washdown and includes a P-trap with a minimum of 2-1/2" seal. Flushing inlet connection is 1-1/2" NPT male and fixture requires a flushometer with a minimum of 25 PSI flow pressure and water consumption of 3.5 gallons per flush.

Verify Flush Valve rating is compatible with local code requirements.

Mounting Hardware is furnished for walls up to 8" thick.

GUIDE SPECIFICATION

Provide and install Acorn Penal-Ware Straddle - Blowout Jet Urinal (specify model number and options). Urinal shall be back wall washdown type. Fixture shall be fabricated from 14 gage, type 304 stainless steel and shall have coved corners to facilitate cleaning. Construction shall be seamless welded and exterior surfaces shall have a satin finish. P-trap shall be fully enclosed. Fixture shall be furnished with necessary fasteners for proper installation. Units to conform with ANSI, UFAS and ADA requirements for accessibility.

Penal-Ware®: 1705 Straddle -Blowout Jet Urinal - ADA Compliant



WALL THICKNESS AND TYPE (Must Specify)

Thickness _____ Type: ☐ Concrete ☐ Block ☐ Steel

MODEL NUMBER AND OPTIONS SELECTION

BASE MODEL NUMBER

☒ 1705 Straddle - Blowout Jet Urinal

SUPPLY (Must Specify)

☐ -T Top (Exposed)
☐ -W Wall (Concealed)

FIXTURE MOUNTING AND WASTE (Must Specify)

☒ -1 Off-Floor, Wall Outlet

FLUSH VALVE GPF

☒ -3.5 GPF (Not Available in California)

FLUSH VALVE OPTIONS (Must Specify)

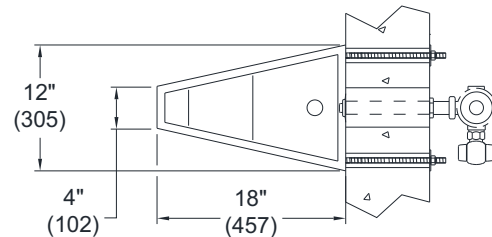
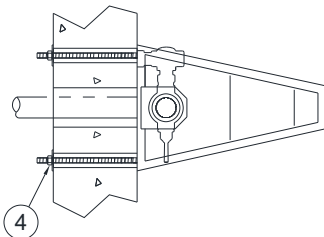
REFER TO ACORN DURA-WARE ACCESSORIES FOR FLUSH VALVE COVER #2802, BOX #2803-1 AND PANEL #2898

- ☐ -EVSFV Master-Trol® Electronic Flush Valve (N/A for Top Supply)
☐ -EVSPFV Master-Trol® Electronic Flush Valve w/ Piezo Button (N/A for Top Supply)
☐ -FV Flush Valve, Mechanical (N/A for ADA)
☐ -FVBO Flush Valve by Others
☐ -FVH Flush Valve, Hydraulic (N/A for Top Supply)
☐ -FVL Flush Valve, Lever Handle (Wall Supply)
☐ -MTPFV Master-Trol® PLUS Electronic Flush Valve (N/A for Top Supply)
☐ -MTPPFV Master-Trol® PLUS Electronic Flush Valve w/ Piezo Button (N/A for Top Supply)
☐ -MVCFV Time-Trol® Electronic Flush Valve (N/A for Top Supply)

PRODUCT OPTIONS

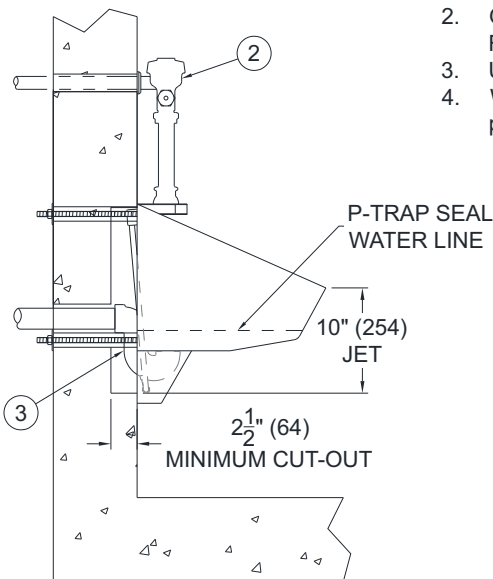
- ☐ -ADA ADA Compliant - 17" Rim Height
☐ -CFR Continuous Flushing Rim
☐ -EG Enviro-Glaze, Specify Color: _____
☐ -FVT Flush Valve Thru Wall Connector
☐ -MT Metal Template (Only 1 Required Per Project)
☐ -SW Wall Sleeve
☐ -TF Transformer, 120VAC to 24VAC (-MVCFV option)
☐ -TG 12 Gage Housing

Please visit www.acorneng.com for most current specifications.

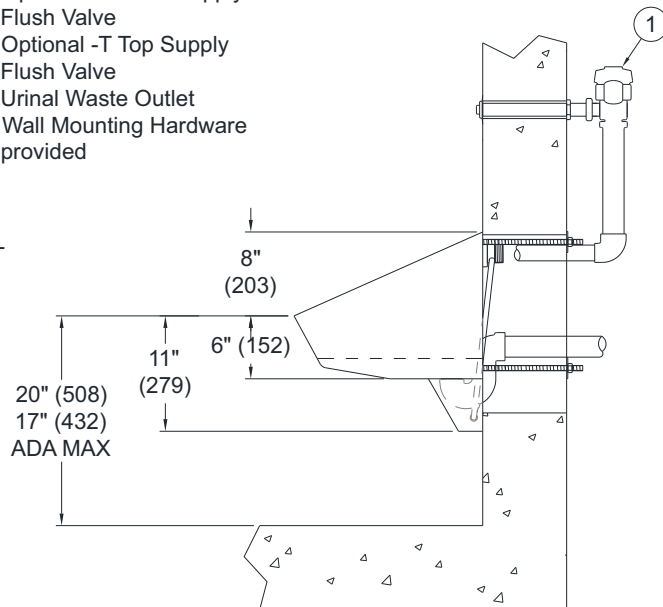


NOTES:

- Optional -W Wall Supply Flush Valve
- Optional -T Top Supply Flush Valve
- Urinal Waste Outlet
- Wall Mounting Hardware provided



1705-T-1



1705-W-1

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Important: Installation instructions and current rough-in are furnished with each fixture. Do not rough in without certified dimensions. Dimensions are subject to manufacturer's tolerance of plus or minus 1/4" and change without notice. Acorn assumes no responsibility for use of void or superseded data. © Copyright 2006 Acorn Engineering Company

Selection Summary

Model No. & Option _____
Quantity _____

Approved for Manufacturing

Company _____ Title _____
Signature _____ Date _____



Penal-Ware® 1652 Series 18" Lavatory with Oval Bowl - ADA 2010 Compliant



1652-1-BP-04-M

Fixture May Show Some Available Options

Please visit www.acorneng.com for most current specifications.

18" Lavatory with Oval Bowl - ADA 2010 Compliant

Fixture is designed to be installed on a finished wall and serviced from an accessible pipe chase. Optional Wall Sleeve or Metal Template is recommended for all installations for required wall openings. Lavatory complies with ANSI, UFAS, CBC and ADA 2010 requirements for accessibility. Compliance is subject to the interpretation and requirements of the local code authority.

Cabinet is fabricated from 14 gage, type 304 stainless steel and is seamless welded construction with exposed surfaces polished to a satin finish. Cabinet interior is sound-deadened with fire-resistant material. There are no accessible voids or crevices where contraband can be concealed.

Lavatory Oval Bowl is 14-3/4" x 9-1/2" x 4-1/2" deep and includes an integral fast drain. Standard elbow waste outlet is 1-1/2" O.D. plain end and extends 11" beyond the fixture to be field trimmed to fit by installer.

Optional Lavatory Valve is an pneumatically operated, pushbutton Air-Control valve using atmospheric air. Pushbutton is vandal-resistant and requires less than 5 pounds to activate valve. Valve is metering, non-hold open type. Valve timing is adjustable from 5 to 60 seconds. Valve includes a 0.5 GPM flow control and can be remotely located up to 10 feet from the operating pushbutton. Valve and Bubbler conforms with lead free requirements of NSF61, Section 9 and CHSC 116875.

Regularly furnished items include a fast drain, an integral self-draining soap dish and mounting hardware for walls up to 8" thick.

Suffix Option -DMB, Deck Mounted Bubbler optionally available, provides a drinking bubbler that meets ADA requirements and lead free requirements of NSF61, Section 9 and CHSC 116875. This option also includes a separate pushbutton and non-metering Air-Control valve with .7 GPM flow control.

GUIDE SPECIFICATION

Provide and install an Acorn Penal-Ware, 18" wide ADA 2010 Compliant Lavatory with Oval Bowl (specify model number and options). Unit shall conform with ANSI, UFAS, CBC and ADA requirements for accessibility. Fixture shall be fabricated from 14 gage, type 304 stainless steel. Construction shall be seamless welded and exposed surfaces shall have a satin finish. Countertop shall have an air-circulating, self-draining soap dish. Provide Air-Control pneumatically operated, metering, non-hold open valve with ADA compliant pushbutton. Valve and Bubbler conform with lead free requirements of NSF61, Section 9 and CHSC 116875. Cabinet interior shall be sound deadened with fire-resistant material. Fixture shall be furnished with necessary fasteners to complete installation.

Penal-Ware® 1652: 18" Lavatory with Oval Bowl - ADA Compliant



WALL THICKNESS AND TYPE (Must Specify)

Thickness: _____ Type: ☐ Concrete ☐ Block ☐ Steel

MODEL AND OPTIONS SELECTION:

BASE MODEL NUMBER

☒ 1652 18" Lavatory with Oval Bowl - ADA Compliant

FIXTURE MOUNTING AND WASTE (Must Specify)

☒ -1 Off-Floor, Wall Outlet

BUBBLER SELECTION (Must Specify)

☐ -BC Bubbler, Code
☐ -BP Bubbler, Penal
☐ -BPH Hemispherical Penal Bubbler
☐ -LF Lav-Filler

VALVE SELECTION (Must Specify)

Air-Control (Pneumatic)

☐ -03-M Single Temp, Metering
☐ -04-M Hot & Cold, Metering

Master-Trol® (Electronic)

☐ -EVS1 Single Temp
☐ -EVS2 Hot & Cold
☐ -EVSP1 Single Temp, Piezo Button
☐ -EVSP2 Hot & Cold, Piezo Buttons

Master-Trol® PLUS (Electronic)

☐ -MTP1 Single Temp
☐ -MTP2 Hot & Cold
☐ -MTPP1 Single Temp, Piezo Button
☐ -MTPP2 Hot & Cold, Piezo Buttons

-MTP VALVE OPTION

☐ -PFB Power Failure Bypass
 (Provides drinking water in the event of power failure)

Time-Trol® (Electronic)

☐ -MVC1 Single Temp
☐ -MVC1-BAT Single Temp Battery Powered
 (Batteries Not Included)
☐ -MVC2 Hot & Cold
☐ -MVC2-BAT Hot & Cold Battery Powered
 (Batteries Not Included)

Programmable (Electronic) w/9VDC Plug-In Transformer

☐ -PPZ1 Single Temp Programmable Piezo Button
☐ -PPZ2 Hot & Cold Programmable Piezo Button

Valve By Others

☐ -9 Punched for Valve by Others

VALVE OPTIONS

☐ -BRS Brass Body Valve
☐ -CI Cycle Interrupt for Time-Trol® Valves
☐ -MA2 Manifolder, 2-Stack
☐ -MA3 Manifolder, 3-Stack (N/A with -PFB option)
☐ -MA4 Manifolder, 4-Stack (N/A with -PFB option)
☐ -PBH Hemispherical Pushbutton
☐ -TF Transformer, 120VAC to 24VAC (-MVC option only)

CABINET OPTIONS

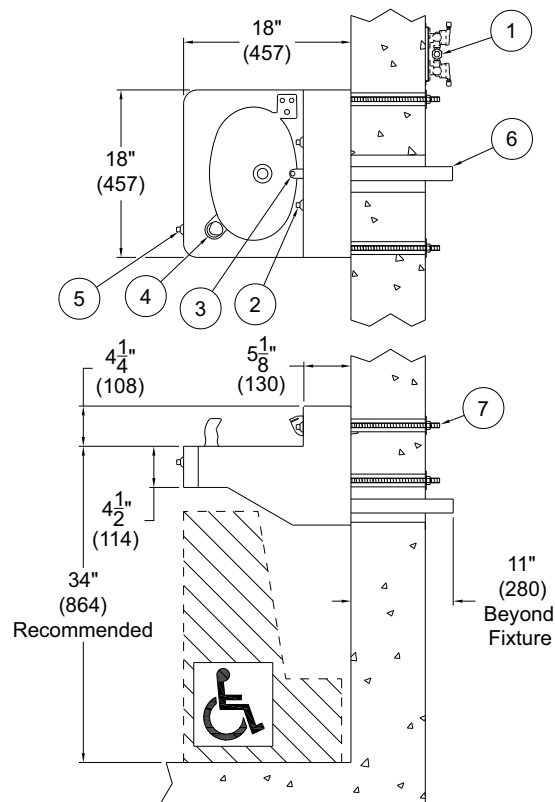
☐ -FMT Fixture Mounted Trim
☐ -TB Toothbrush Holder ☐ Left ☐ Right
☐ -TG 12 Gage Cabinet
☐ -TH Towel Hook ☐ Single ☐ Double ☐ Left ☐ Right

LAVATORY WASTE OPTIONS

☐ -LW1 Thru-Wall Waste Extension with P-Trap
☐ -LWE Lavy Waste Extension (11" Standard)
 Specify Length Beyond Fixture: _____
☐ -OF Lavatory Overflow

PRODUCT OPTIONS

☐ -DMB Deck Mounted Drinking Bubbler
 (Cold water only) N/A with -03-M tempered supply
☐ -BP Penal Style ☐ -BC Code Style
☐ -BPH Penal Hemispherical Style
☐ -EG Enviro-Glaze, Specify Color: _____
☐ -MT Metal Template (Only 1 Required Per Project)
☐ -SW Wall Sleeve
☐ -VAC AcornVac System



1652ADA-1-BP-04-DMB

Please visit www.acorneng.com for most current specifications.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Important: Installation instructions and current rough-in are furnished with each fixture. Do not rough in without certified dimensions. Dimensions are subject to manufacturer's tolerance of plus or minus 1/4" and change without notice. Acorn assumes no responsibility for use of void or superseded data. © Copyright 2009 Acorn Engineering Company

Selection Summary Model No. & Option _____ Quantity _____	Approved for Manufacturing Company _____ Title _____ Signature _____ Date _____
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Dura-Ware® 2120 Series Siphon Jet Toilet - On Floor - Floor Outlet



2120-W-3-CN

Fixture May Show Some Available Options



Please visit www.acorneng.com for most current specifications.

Siphon Jet Toilet - On Floor - Floor Outlet

Fixture is arranged to be installed on finished wall from the front side. It is fabricated from 16 gage, type 304 stainless steel and is seamless welded construction. Exterior has a satin finish with an integral contoured seat. The inside of the toilet bowl also has a satin finish. Wall flange is reinforced for maximum strength.

Toilet is Siphon Jet type with elongated bowl manufactured to comply with ASME A112.19.3-2008 and CSA B45.4-2008 standards. Toilet requires a minimum of 25 PSI flow pressure and uses a minimum water consumption of 1.28 GPF. Trap has a minimum 3-1/2" seal, will pass a 2-1/8" ball and is fully enclosed. Toilet has a 1-1/2" NPT flushing inlet connection and a 7-1/2" gasketed waste with 6" mounting centers. Connecting hardware provided by installer.

Flush Valve supply is additionally available for exposed or concealed flush valve styles in 1.28 GPF, 1.6 GPF or 3.5 GPF with 1-1/2" NPT connection.

GUIDE SPECIFICATION

Provide and install Acorn Dura-Ware Siphon Jet Toilet (specify model number and options). Fixture shall be fabricated from 16 gage, type 304 stainless steel. Construction shall be seamless welded and exposed surfaces shall have a satin finish with an integral contoured toilet seat. Toilet shall be concealed siphon jet type with an elongated bowl and a self-draining flushing rim. Toilet shall be ASME A112.19.3-2008 and CSA B45.4-2008 compliant. Toilet requires a minimum of 25 PSI flow pressure and uses a minimum water consumption of 1.28 GPF. Toilet trap shall have a minimum 3-1/2" seal that shall pass a 2-1/8" diameter ball and be fully enclosed. Toilet waste outlet shall be 7-1/2" Gasketed Waste with 6" mounting centers. Connecting hardware provided by installer.

Dura-Ware®: 2120 Siphon Jet Toilet - On Floor - Floor Outlet



WALL THICKNESS AND TYPE (Must Specify)

Thickness: _____ Type: ☐ Concrete ☐ Block ☐ Steel

MODEL NUMBER AND OPTIONS SELECTION:

BASE MODEL NUMBER

☒ 2120 Siphon Jet Toilet

SUPPLY (Must Specify)

☐ -T Top (Exposed)
☐ -W Wall (Concealed)

FIXTURE MOUNTING AND WASTE

☒ -3 On-Floor, Floor Outlet
☐ -ADA 18" Integral Seat Height

FLUSH VALVE GPFs (Must Specify)

☐ -1.28 GPF
☐ -1.6 GPF (Not Available in California)
☐ -3.5 GPF (Not Available in California)

FLUSH VALVE OPTIONS (Must Specify)

REFER TO ACORN DURA-WARE ACCESSORIES FOR FLUSH VALVE COVER #2802 AND PANEL #2898

☐ -FV Flush Valve, Mechanical (-W, -T, -T-ADA, N/A for -W-ADA)
☐ -FVBO Flush Valve by Others (Select with 2898 & 2802 Covers)
☐ -FVH Flush Valve, ADA Hydraulic (-W and -W-ADA Only)
☐ -FVL Flush Valve, ADA Lever Handle (-W and -W-ADA Only)
☐ -MVCFV Time-Trol® Flush Valve (-W and -W-ADA Only)

TOILET SEAT OPTIONS

☐ -HPS High Polish Integral Seat
☐ -HS-OFLC Hinged Seat, Open Front Less Cover
☐ -HS-OFWC Hinged Seat w/ Cover
☐ -PFS Punched for Seat by Others

TOILET OPTIONS

☐ -FT Flood-Trol (N/A with Top Supply)**
☐ -FTA Flood-Trol Auto-Reset (N/A with Top Supply)**
☐ -FTE Flood-Trol Electronic**

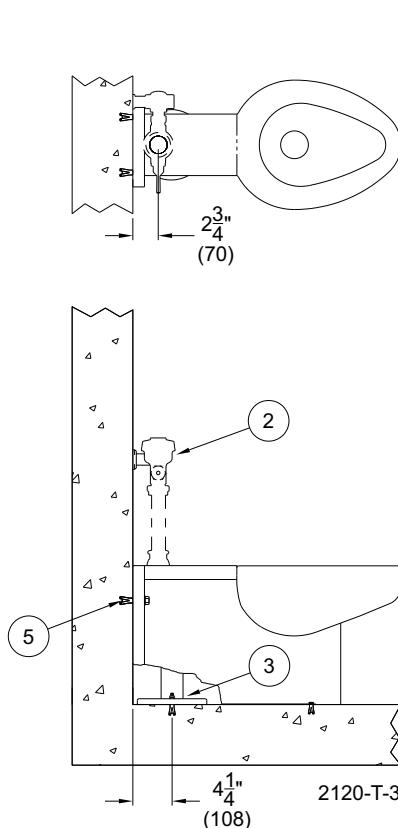
(NOTE: **Not available with Top Supply. Requires min. 6" wall depth and Access Panel to install and service.)

☐ -FVT Flush Thru Wall Connector
☐ -TSC Toilet Shipping Cover

PRODUCT OPTIONS

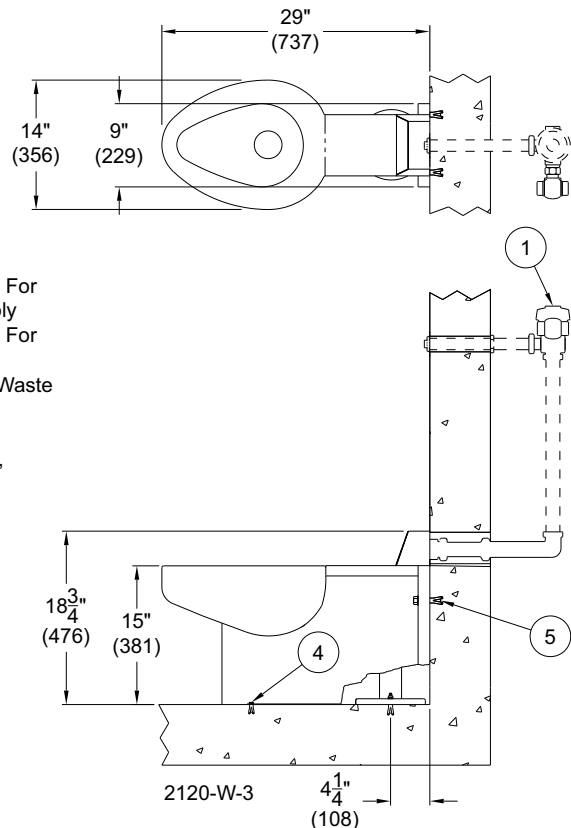
☐ -BCN Blind Cap Nuts (4)
☐ -BL Bedpan Lugs
☐ -CN Cap Nuts (4)
☐ -EGE Enviro-Glaze Color Specify: _____
 Toilet Exterior Only
☐ -FG 14 Gage Housing
☐ -TF Transformer, 120VAC to 24VAC (-MVCFV option)
☐ -VAC AcornVac System

Please visit www.acorneng.com for most current specifications.



NOTES:

1. Optional -FV Flush Valve For Concealed -W Wall Supply
2. Optional -FV Flush Valve For Exposed -T Top Supply
3. Toilet Recessed Gasket Waste Outlet
4. Floor Fasteners
5. Wall Mounting Hardware, By Others

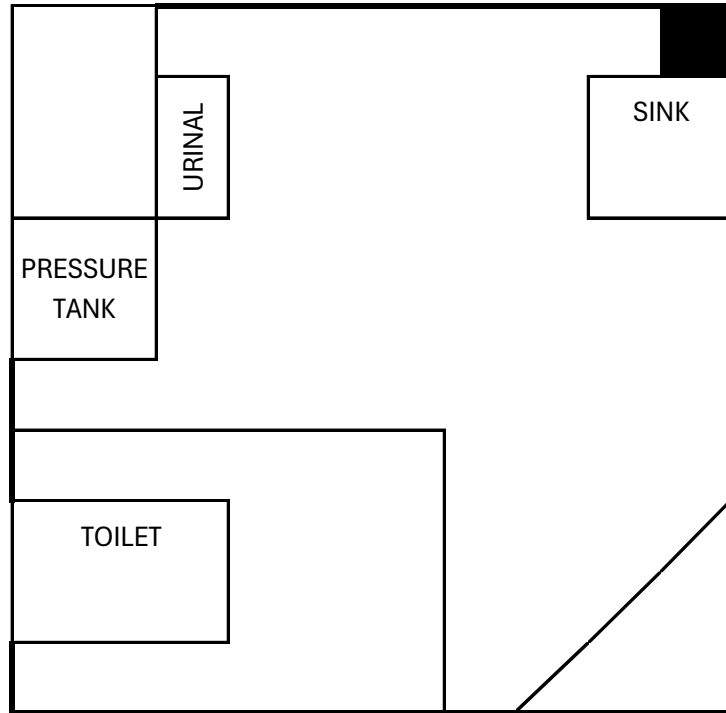


WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

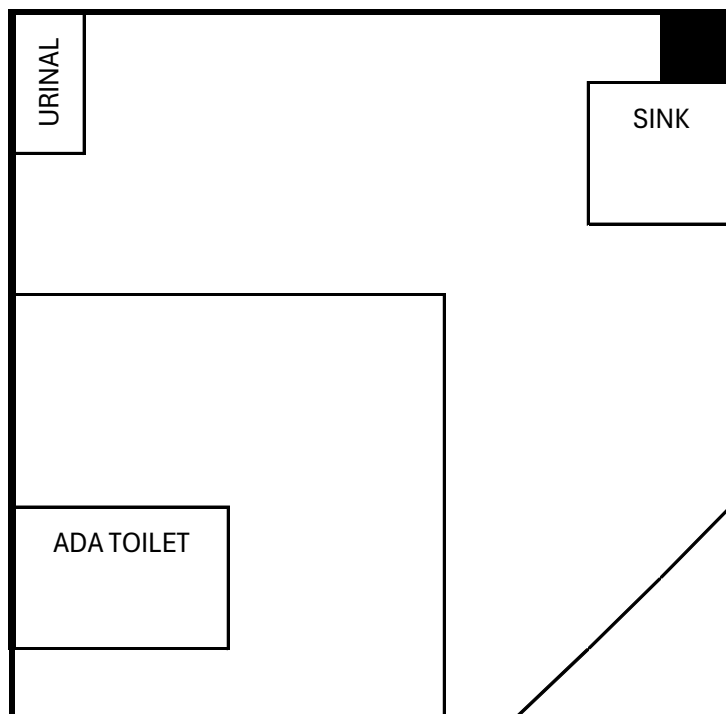
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Selection Summary Model No. & Option _____ Quantity _____	Approved for Manufacturing Company _____ Title _____ Signature _____ Date _____
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EXISTING MEN'S RESTROOM



NEW MEN'S RESTROOM



EXISTING ELECTRICAL PANEL

	100 AMP MAIN BREAKER
100 AMP MAIN BREAKER	20 AMP UNKNOWN
50 AMP SHELTER BLDG	40 AMP HORSESHOE LIGHTS
20 AMP UNKNOWN	50 AMP CONCESSION BLDG
	40 AMP RANGE

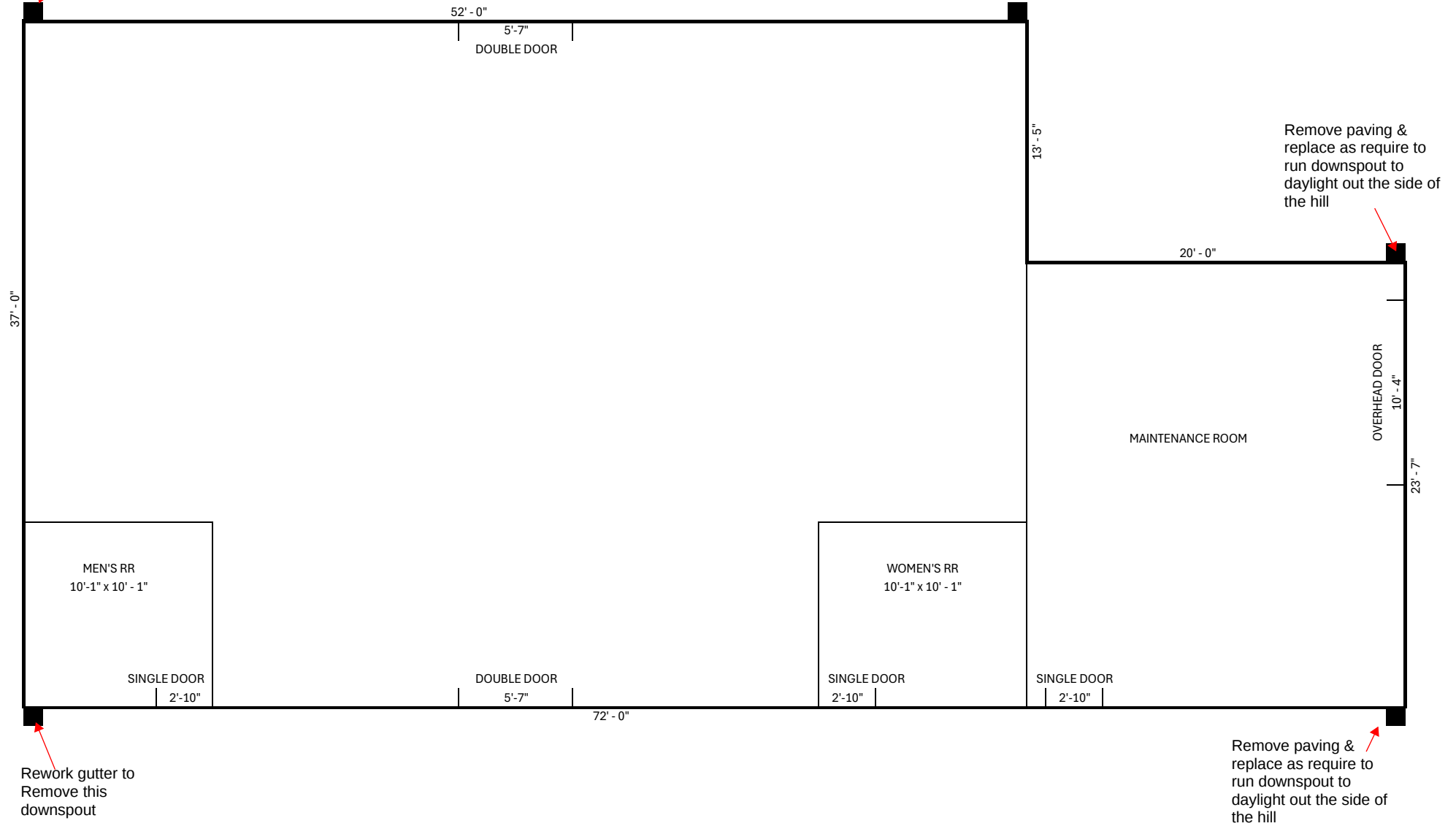
NEW ELECTRICAL PANEL

	100 AMP MAIN BREAKER
100 AMP MAIN BREAKER	20 AMP UNKNOWN
20 AMP LIGHTS	40 AMP HORSESHOE LIGHTS
20 AMP RR'S	50 AMP
20 AMP UNKNOWN	CONCESSION BLDG
20 AMP SHELTER QUADS	40 AMP MINI-SPLIT
20 AMP SHELTER QUADS	
20 AMP SHELTER QUADS	20 AMP SHELTER RECEPTS
20 AMP SHELTER QUADS	20 AMP SHELTER RECEPTS

Rework gutter to
Remove this
downspout

Remove paving &
replace as require to
run downspout to
daylight out the side of
the hill

CHAUTAUQUA PARK SHELTER HOUSE EXISTING PLAN



CHAUTAUQUA PARK SHELTER HOUSE MEP PLAN

