
MEETING NOTICE

The Parks and Recreation Board of the City of Woodcreek, Texas will conduct a meeting at Woodcreek City Hall, 41 Champions Circle, Woodcreek, Texas. The meeting will be held on Thursday, February 15, 2024 at 5:30 PM.

All attendees are encouraged to wear face coverings when a minimum of six-foot social distancing cannot be maintained. Smoking is not allowed anywhere on the property of City Hall.

The public may watch this meeting live at the following link:

<https://zoom.us/j/93306585009?pwd=RWhkdMNRkRzU0kxNVh3QW11TkFSUT09>

Meeting ID: 933 0658 5009; Passcode: 775440

A recording of the meeting will be made and will be available to the public in accordance with the Texas Public Information Act upon written request. This notice, as amended, is posted pursuant to the Texas Open Meetings Act (Vernon's Texas Codes Ann. Gov. Code Chapter 551).

The City of Woodcreek is committed to compliance with the Americans with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Please call the City Secretary's Office at 512-847-9390 for information. Hearing-impaired or speech disabled persons equipped with telecommunications devices for the deaf may call 7-1-1 or may utilize the statewide Relay Texas program at 1-800-735-2988.

Pursuant to Section 30.07, Penal Code (trespass by license holder with an openly carried handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a handgun that is carried openly.

It is anticipated that members of other City Boards, Commissions, Panels and/or Committees may attend the meeting in numbers that may constitute a quorum of the other City Boards, Commissions, Panels and/or Committees. Notice is hereby given that this meeting, to the extent required by law, is also noticed as a meeting of the other City Boards, Commissions, Panels and/or Committees of the City, whose members may be in attendance. The members of the City Boards, Commissions, Panels and/or Committees may participate in discussions on the items listed on this agenda, which occur at this meeting, but no action will be taken by those in attendance unless such action item is specifically listed on an agenda during a regular or special meeting for the respective Board, Commission, Panel and/or Committee subject to the Texas Open Meetings Act.

The City Council may retire to Executive Session any time during this meeting, under Texas Government Code, Subchapter D. Action, if any, will be taken in open session.

This agenda has been reviewed and approved by the City's legal counsel and the presence of any subject in any Executive Session portion of the agenda constitutes a written interpretation of Texas Government Code Chapter 551 by legal counsel for the governmental body and constitutes an opinion by the attorney that the items discussed therein may be legally discussed in the closed portion of the meeting considering available opinions of a court of record and opinions of the Texas Attorney General known to the attorney. This provision has been added to this agenda with the intent to meet all elements necessary to satisfy Texas Government Code Chapter 551.144(c) and the meeting is conducted by all participants in reliance on this opinion.

Any citizen shall have a reasonable opportunity to be heard at any and all meetings of the Governing Body in regard to: (1) any and all matters to be considered at any such meeting, or (2) any matter a citizen may wish to bring to the Governing Body's attention. No member of the Governing Body may discuss or comment on any citizen public comment, except to make: (1) a statement of specific, factual information given in response to the inquiry, or (2) a recitation of existing policy in response to the inquiry. Any deliberation of or decision about the subject of the inquiry shall be limited to a proposal to place the subject on the agenda for a subsequent meeting per Texas Local Government code Sec. 551.042

Citizen comments will be allowed at the beginning of every meeting, or alternatively, before an item on the agenda upon which the citizen wishes to speak is to be considered. All citizens will be allowed to comment for **three (3) minutes** per person and shall be allowed more time at the Mayor or Chair's discretion. In addition, citizens may pool their allotted speaking time. To pool time, a speaker must present the names individuals present in the audience who wish to yield their three(3) minutes. Citizens may present materials regarding any agenda item to the City Secretary at or before a meeting, citizens attending any meeting are requested to complete a form providing their name, address, and agenda item/concern, but are not required to do so before speaking and presenting it to the City Secretary prior to the beginning of such meeting. Comments may only be disallowed and/or limited as per Government Code § 551.007(e).

Submit written comments by email to woodcreek@woodcreektx.gov by **NOON**, the day prior to the meeting. Please include your full name, home or work address, and the agenda item number. Written comments will be part of the official written record only.

AGENDA

CALL TO ORDER

ROLL CALL and ESTABLISH QUORUM

PUBLIC COMMENTS

CONSENT AGENDA

1. Approval of Regular Meeting Minutes From January 25, 2024.

REPORTS

2. Report by City Manager.
 - a. Enhancements to Existing Parks.
 - b. P.O.S.A.C. Park Equipment Order Status.

REGULAR AGENDA

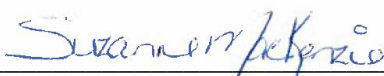
3. Discuss and Take Possible Action On Nominations for Parks and Recreation Board, Vice-Chairperson.
4. Discuss Tree Board Donations of Two(2) 30 gallon Desert Willow Trees: One at Augusta Park, One at the Triangle.
5. Discuss and Take Possible Action on the P.O.S.A.C. Park Developments.
 - a. Benches for the Triangle and Creekside Park.
 - b. Bocce Ball Renovation Update.
 - c. Report on landscape plan and quotes for Augusta Park.
 - d. Other Items Not Listed.
6. Discuss and Take Possible Action on Enhancements to Existing Parks.
 - a. Installation of a Permanent Public Restroom at Creekside Park.
 - b. Other Items Not Listed

ANNOUNCEMENTS

ADJOURN

POSTING CERTIFICATION

I certify that the above notice was posted on the **12th day of February 2024 at 4:00 PM.**

By: 

Suzanne J. MacKenzie, City Secretary

PARKS AND RECREATION BOARD MEETING (CITY HALL)
January 25, 2024; 5:30 PM
Woodcreek, Texas

MINUTES

CALL TO ORDER

Chair Gilbert Called the Meeting to Order at 5:30PM.

ROLL CALL and ESTABLISH QUORUM

PRESENT

Chairperson, Ruth Ann Gilbert
Board Member Cody Abney
Board Member Justin Camp
Board Member Becky Denton
Board Member Elizabeth Maurer *Arrived at 5:34PM.*
Alt. Board Member Pat Rawlings
Alt. Board Member Monica Rasco

PUBLIC COMMENTS

Public Comments were offered by Katherine Evans and Claire Palmer.

CONSENT AGENDA

1. **Approval of Regular Parks and Recreation Board Meeting Minutes From December 14, 2023.**

Motion was made by Member Abney to accept the meeting minutes from the December 14, 2023 meeting of the Parks and Recreation Board. Motion was seconded by Member Maurer.

A roll call vote was held.

Voting Yea:

Chair Gilbert, Member Abney, Member Camp, Member Denton, Member Maurer

Motion Passed: 5-0-0.

REPORTS

2. **Report by City Manager.**
- P.O.S.A.C. Park Equipment Order Status

REGULAR AGENDA

3. Discuss and Take Possible Action on the P.O.S.A.C. Park Developments.

- a) ADA Ramp for the Gazebo at the Triangle.
- b) Benches
- c) Signage
- d) Other Items Not Listed

Motion was made by Member Abney to encourage City Staff to move forward with all repairs and replacement for the bocce ball court and put it back in service. Motion was seconded by Member Maurer.

A roll call vote was held.

Voting Yea:

Chair Gilbert, Member Abney, Member Camp, Member Denton, Member Maurer

Motion Passed: 5-0-0.

4. Discuss and Take Possible Action Regarding Non-Park Board Activities That Directly Impact City Parks.

Motion was made by Member Abney to approve a conceptual design of Augusta Park and move it forward with the interested parties, Hays County Master Gardener and Hays County Master Naturalists. Motion was seconded by Member Denton.

A roll call vote was held.

Voting Yea:

Chair Gilbert, Member Abney, Member Camp, Member Denton, Member Maurer

Motion Passed: 5-0-0.

5. Discuss and Take Possible Action on the Annual Luminaria Planning Activities.

Discussion was held.
No formal action/ vote was taken on this item.

6. Discuss and Take Possible Action on Possibly Providing A Public Restroom, To Be Located At Creekside Park.

Discussion was held.
No formal action/ vote was taken on this item.

ANNOUNCEMENTS

ADJOURN

Chair Gilbert Adjourned the Meeting at 7:05PM.

Ruth Ann Gilbert, Chairperson



Suzanne MacKenzie, City Secretary

Parks and Recreation Board Members

Member Name	Committee Title	Council Appointment By	Date of Appointment	Term Expiration
Ruth Ann Gilbert	Chairperson	Bailey	12/14/22	Dec. 31, 2024
Justin Camp	Member	Grummert	12/14/22	Dec. 31, 2024
Cody Abney	Member	Hambrick	01/11/23	Dec. 31, 2024
Elizabeth Maurer	Member	Hines	01/10/24	Dec. 31, 2025
Becky Denton	Member	Richardson	01/10/24	Dec. 31, 2025
Pat Rawlings	Alt. Member	Rasco	01/10/24	Dec. 31, 2025
Monica Rasco	Alt. Member	Rasco	01/10/24	Dec. 31, 2025

Council Liaison: Bob Hambrick

Supporting Documents

-  [Parks and Recreation Board Formation Document \(Rev.\): Ordinance 22-310 ^{\[1\]} \(37 KB\)](#)
-  [Parks and Recreation Board Formation Document \(Orig\): Ordinance 15-208 ^{\[2\]} \(118 KB\)](#)

- [Home](#)
- [Logout](#)
- [Accessibility](#)
- [Dashboard](#)

41 Champions Cir | Woodcreek, TX 78676 | (512) 847-9390

[a municode design](#)

Source URL: <https://www.woodcreektx.gov/bc-prb/page/parks-and-recreation-board-members>

Links

[1] https://www.woodcreektx.gov/sites/default/files/fileattachments/parks_and_recreation_board/page/2201/ordinance_22-310_-_parks_and_rec_board.docx [2] https://www.woodcreektx.gov/sites/default/files/fileattachments/parks_and_recreation_board/page/2201/ordinance_15-208_amend_to_title_xv.pdf

Quote 1 for score board AND holder and brackets: \$438.17

www.boccescore.com

\$115 for shipping



294E= ~\$323.17 (as of 4/14 conversion rate)

Total for cost and shipping: ~\$438.17 (as of 4/14 conversion rate)



Designed for the game of Bocce or Boccia, the Italian variant of our game of petanque with a score count up to 12.

Shopping Cart

		Unit Price	Number		Price
	BOCCE BRACKET H70cm (Without scoreboard) BOCCE Bracket H70cm (Without scorekeeper)	136,00 €	1	+ - x	136,00 €
	*ROLL 12" BOCCE Variant: Sand Color *ROLL 12" (Without bracket)	158,00 €	1	+ - x	158,00 €
				Subtotal	294,00 €
				Shipping Costs*	0,00 €
				Total:	294,00 €

Quote 2 for scoreboard only with bracket: \$280.77

<https://boccesupplies.com/products/loveone-bocce-or-pickleball-scoreboard>



Har-Tru

LOVEONE Bocce or pickleball scoreboard.

\$260.00

Shipping calculated at checkout.

4 interest-free installments or from \$23.47/mo with shop [View sample plans](#)

Quantity

- 1 +

Add to cart

Buy with Pay

[More payment options](#)

LoveOne Scoreboards are the highest quality, self-contained scorekeepers, on the market today. Created with great design in mind, each number is large and the scoring pucks are color-coded for

Boccesupplies.com

Cart > Information > Shipping > Payment

Contact [Change](#)

Ship to [Change](#)

Shipping method

UPS® Ground
3 business days \$20.77

[Return to information](#)

Continue to payment



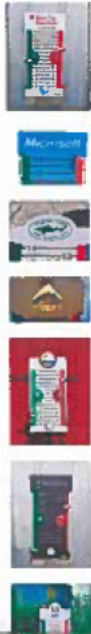
LOVEONE Bocce or pickleball scoreboard.

\$260.00

Gift card

Subtotal	\$260.00
Shipping	\$20.77
Total	USD \$280.77

Quote 3 for scoreboard only (no bracket, require a 2 foot pipe): \$375



Bocce Club Scoreboard

\$375.00

OPTIONS
STANDARD

QUANTITY
- 1 +
ADD TO CART

This scoreboard was built with serious Bocce players in mind. Aluminum signboard mounts easily to a 2" pipe. Excellent visibility for players and spectators. Ideal for all weather conditions. No maintenance. Price for a single-faced board, with logo (Artwork to be supplied by customer) and graphics is \$375 for a standard [rectangular board](#), and \$430 for a [painted board](#) (please click for examples) which includes shipping and handling to the lower 48. Scoreboard only.

* Free delivery in the lower 48 United States (call for Alaska, Hawaii, and Canada)

City Secretary

From: Elizabeth Maurer [REDACTED]
Sent: Thursday, January 25, 2024 8:34 PM
To: [REDACTED]
Subject: Fwd: Bocce Ball Turf Est - Woodcreek

previous communications with Lance below

----- Forwarded message -----

From: Elizabeth Maurer [REDACTED]
Date: Wed, Apr 19, 2023 at 2:08 PM
Subject: Re: Bocce Ball Turf Est - Woodcreek
To: Lance Heckel [REDACTED]

Excellent, and I have the sample in hand for my meeting tonight. Thanks!

On Tue, Apr 18, 2023 at 8:07 AM Lance Heckel [REDACTED] wrote:

Good morning Elizabeth,

I hope you had a great weekend.

Attached, please find the two Estimates we had discussed. The 1st Tab is for the purchase of the Turf only. The turf comes in 15' wide rolls, so you would have to purchase a 15' x 61' roll to complete your project. The 2nd Tab is for a full Install, including the Turf, leveling, adding Decomposed Granite as needed, Nailerboard Securing System, and Weed Barrier.

<<...>>

I had added the tax, which can be deleted if you are Tax exempt.

Your sample was sent yesterday via USPS Priority Mail. You should have it tomorrow.

Thanks again for the opportunity, and please call with any questions.

Lance Heckel

Synthetic Turf of San Antonio

[REDACTED]

City Secretary

From: Elizabeth Maurer [REDACTED]
Sent: Thursday, January 25, 2024 8:34 PM
To: [REDACTED]
Subject: turf quotes
Attachments: Updated Bocce court turf quotes.pdf

The last one on the doc from STI in San Antonio was the one people liked.

Bocce Ball turf quotes

Quote 1: Purchase Green (north austin) *no tan*

Can obtain samples from store, charge to mail them

9232 Research Blvd

Austin, TX 78758

M-F: 8:00-5:00

Sat: 10:00-2:00

Phone: 512-351-7655

Estimating: \$1786 for basic turf

Unsure how to get it here, would also require infill

Estimating: \$9360 for basic turf and install (including all materials for installation)

Monica Lopez [redacted]
to me, POEB
Hello Elizabeth.

File Apr 14, 5:14 PM (7 days ago) ☆ ↻

I appreciate the request for quote you sent in regarding your project area, of which you are interested in adding a putting green to your bocce ball court. We are happy to help!

We do have a store located near you in Austin that services your area. Our team has a full showroom with free samples. They can assist with both installation as well as materials. For installation services typically rates range anywhere between \$13-\$16 per square foot all inclusive, (excavated prep work, all materials, the grass itself, labor, delivery etc.). Our team will be following up, however should you want to reach out or stop by the store, their contact information is:

Quote 2:

Artificial Turf Express (San Jose, CA)

Turf with pad and freight delivery: \$5,652.03

*does not include infill sand which is probably \$200-\$300

Had to guess on freight pricing—depends on if you have loading dock, forklift, carpet pole, etc.

The easier we make it, the cheaper it is.

Estimate #200668
April 14, 2023

Hide full details ^

Bocce Turf Colored 15' w/5mm Pad	\$4,491.00
<small>(\$4.99 sq. ft.) x 900 15x60 Turf comes as a standard 15' width</small>	
<small>Freight price below does not include guaranteed date and time and will need to be rerun at time of purchase</small>	
Subtotal	\$4,491.00
Sales Tax	\$421.03
Freight	\$740.00
Total	\$5,652.03

[Accept](#)



Tan Bocce with Pad

Putting Greens

\$4.99 Per Sqft.

- UV Resistant Polyethylene
- Texturized Polypropylene
- 7 Year Warranty

Color: Sand

Yarn Type: Texturized Polypropylene

Face Weight: 36 oz

Pile Height: 9/16"

Backing: Dual Layer Woven

Roll Width: 15ft

7 Year Manufacturer Warranty

*Requires 1-2 pounds of infill per sq. ft.



#30 Sand Putting Infill

Putting Greens Accessories Infill

\$16.99

#30 Sand Infill (Putting) 100lb each

Quote 3: Artificial Grass Wholesalers.com- \$2186.80
Green turf delivered, infill needed



Putting Green Artificial Turf

★★★★★ (22 customer reviews)

\$1,936.80

Making use of backyard or community spaces by installing artificial putting green turf can turn a maintenance headache into a fun, relaxing, and game-improving place to play. Putting and chipping on realistic artificial putting green turf is a popular way to exercise and practice essential skills.

Homeowners' and commercial property managers' reviews of our synthetic putting green turf reflect the quality and realistic playing surface this artificial grass provides, especially when installed on a surface that mimics the minor irregularities of your existing surface. Indoors or out, this .7" pile emerald green turf stands up to heavy use and provides years of enjoyment for your family, guests, or tenants.

RETAIL: \$3.29 per sq. ft
OUR PRICE: \$2.69 per sq. ft


SIZE: 12' x 60'

Applications:

Attribute Ratings:

Infill Category:





Putting Green Artificial Turf
SIZE: 12' x 60' / Applications: Landscape /
Attribute Ratings: 5 Star Durability / Infill
Category: Infill Needed **\$1,936.80**

- 1 +

[Continue shopping](#)

Subtotal	\$1,936.80
Shipping	\$250.00
Total	\$2,186.80

Quote #4: Synthetic Turf International





of San Antonio

Project Estimate

4/18/2023	
FROM:	TO:
STI of San Antonio	Elizabeth Maurer
714 Larl Dawn	Woodcreek Parks
San Antonio, TX 78258	
Lance Heckel	

Purchase Softlawn Bocce Ball Pro (Tan) for DIY Project. Does not include installation. The Bocce Ball Turf only comes in 15' Wide Rolls.

Purchase Softlawn Bocce Ball Pro			
Item			TOTAL
Purchase 15' X 61' Bocce Ball Pro (Tan) Turf for project			\$3,202.50
		Sub Total	\$3,202.50
		Tax If Applicable	Tax @ 8.25%
			\$379.73
		Est. Shipping	\$286.00
		TOTAL	\$3,868.23

Terms: 100% upon ordering - Cash, Check, or C.C (3.5% charge for CC use)

Thank you for the opportunity

Lance Heckel at: [Redacted]



of San Antonio

Project Estimate

4/18/2023

FROM:	TO:
STI of San Antonio	Elizabeth Maurer
714 Lari Dawn	Woodcreek Parks
San Antonio, TX 78258	
Lance Heckel	512-740-5716
Phone: [REDACTED]	[REDACTED]

Prep & Install Bocce Ball Pro Turf in existing court. To include Nailboard Securing System, 3 Cuyds of Decomposed Granite, and Weed Barrier. Estimate assumes easy access to site, and is based on current supplier pricing and market conditions, subject to change.

Install Softlawn Bocce Ball Pro			
Item			TOTAL
Prep & Install Softlawn Bocce Ball Pro-Tan in current court, including Nailboard Securing System and Weed Barrier			\$7,752.75
		Sub Total	\$7,752.75
		Tax If Applicable	Tax @ 8.25%
			\$379.73
		Est. Shipping	\$156.00
		TOTAL	\$8,288.48

Terms: 50% upon ordering, 50% upon completion - Cash, Check, or CC (3.5% charge for CC use)

Thank you for the opportunity

Lance Heckel at: [REDACTED]

Comparison Chart

Company	Color	Price	Price w Install	Notes	Sample
Purchase Green (N Austin)	green	\$1786 (must pick up)	Est \$9360	Basic turf	Samples for pick up from North Austin

					showroom
Artificial Turf Express (San Jose)	tan	\$5652.03 (estimated freight delivery)	n/a	Includes thick Pad, Bocce specific turf	yes
Artificial Grass Wholesalers	green	\$2186.80	n/a	Basic turf	no
Synthetic Turf International (San Antonio)	tan	\$3868.23	\$8288.48	Bocce specific turf	yes

City Secretary

From: Elizabeth Maurer [REDACTED]
Sent: Thursday, January 25, 2024 8:35 PM
To: [REDACTED]
Subject: Fwd: Message via <https://www.boccescore.com/contact/>
Attachments: Score+Wathdesign(mail).png

----- Forwarded message -----

From: Elizabeth Maurer [REDACTED]
Date: Thu, Sep 14, 2023 at 5:48 PM
Subject: Fwd: Message via [REDACTED]
To: [REDACTED]

I apologize, I just remembered in this meeting that you guys asked me to send this to you at the previous meeting.
The 294Euro price is about \$313USD plus \$115 estimated shipping. So good estimate is \$428 shipped.

----- Forwarded message -----

From: [REDACTED]
Date: Tue, Apr 18, 2023 at 6:28 AM
Subject: Re: [REDACTED]
To: Elizabeth Hobbs Maurer [REDACTED]

No worries thank you and see you soon
Thierry WAGNON
WATHDESIGN
www.scorepetanque.com - www.boccescore.com
A whole range of decorative petanque score-counters

Le 18 avr. 2023 à 13:10, Elizabeth Hobbs Maurer [REDACTED] > a écrit :

Hi!
I am on a parks and recreation board so I had to get quotes before my board meeting. We meet later this week and I am presenting the options. Yours is my favorite option so I hope to be ordering soon!
Stuff at a city level like this just takes a long time.
Thanks for checking in!

Elizabeth

Item 5.

Sent from my iPhone

On Apr 18, 2023, at 2:11 AM, [REDACTED] wrote:

Hi Elizabeth

Following our various email exchanges, we have not received your order, is this normal?

Best regards

Thierry WAGNON
WATHDESIGN

www.scorepetanque.com - www.boccescore.com
A whole range of decorative petanque score-counters

<Score+Wathdesign(mail).png>

Le 14 avr. 2023 à 08:28, sales@boccescore.com a écrit :

The score counter is also available in matte black

Thierry WAGNON
WATHDESIGN

www.scorepetanque.com - www.boccescore.com
A whole range of decorative petanque score-counters

<Score+Wathdesign(mail).png>

Le 14 avr. 2023 à 00:41, Elizabeth Hobbs Maurer

[REDACTED] > a écrit :

Excellent, this is by far the best option I've seen online.

Sent from my iPhone

On Apr 13, 2023, at 5:33 PM,
[REDACTED] wrote:

Hi Elizabeth

Following your message the cost of shipping to the United States Texas is \$115 for 5 Kg and a package of 20x25x75 cm

Regards

Thierry WAGNON
WATHDESIGN

www.scorepetanque.com - www.boccescore.com

A whole range of decorative petanque score-counters

<Score+Wathdesign(mail).png>

Le 13 avr. 2023 à 21:23,
Elizabeth Maurer



Hi,

If I purchased these items, that should work and be lower to the ground I think? I took a picture of my cart below.

Could you get me a shipping quote? And what it would be USD if you can, but I can always look that up if it's not something your system gives you.

To this address:

City of
Woodcr
eek City
Hall
41
Champi
ons
Circle
Woodcr
eek,
TX 786
76-
3327

Thank
you!!

On Thu, Apr 13, 2023 at 2:17 PM



Hi Elizabeth

Thank you for your message

There are several supports of different heights and with more or less equipment. It is normal that you did not find the support and its counter in a single article, you must select the ones you want and add them individually to your basket.

We remain at your disposal for any further information.

Regards


Thierry WAGNON
WATHDESIGN

www.scorepetanque.com
- www.boccescore.com

A whole range of decorative petanque score-counters

<Score+Wathdesign(mail).png>

Le 13
avr.
2023 à
20:30,
Jimdo
Team



> a
écrit :

You
have a
new
contact
form
message
from
your
Jimdo
site



:

-

Name:
Elizabeth
Maure
r

E-mail:



Country:
United
States

State:
TX

Message:
Hello,

I would like to get a quote with shipping to the following address:

City of Wood creek
City Hall
41 Champions Circle
Wood creek, TX 78676-3327

For the following items:

"ROLL 12" BOCCE
Variant: Sand Color

BOCCE BRACKET
ET H70c
m (Without

scoreboard)
BOCCE
Bracket
H70cm
(Without
scorekeeper)

The
bocce
ball
holder
bracket
with
scoreboard.

I
couldn't
find
them
together?
Maybe
I missed
something.

Thanks!

Elizabeth
Maure

This
visitor
has
accepted
the
Privacy
Policy.
Date/Time:
2023-04-13
20:30:

30
CEST

Item 5.

City Secretary

From: Justin Camp [REDACTED]
Sent: Tuesday, February 13, 2024 2:19 PM
To: City Secretary
Cc: Manager; [REDACTED] Bob Hambrick
Subject: Re: REMINDER - Parks and Recreation Board Meeting February 15th

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Suzanne,
I've attached a link below to information on composting toilets for our discussion on item 6a. Can you print these short info sheets to include in our meeting packets? I can also print and bring these if need be.



Consider Composting Toilets (U.S. National Park Service)
nps.gov

Thanks!
-J.Camp

On Feb 13, 2024, at 09:08, City Secretary <city.secretary@woodcreektx.gov> wrote:

Parks Board Members (via BCC)

Quickie reminder that your next meeting is **Thursday at 5:30PM** at City Hall.
Meeting materials (agenda and packet) are located [HERE](#).

Suzanne J. Mac Kenzie
City Secretary, City of Woodcreek
41 Champions Circle
Woodcreek, TX 78676
(512) 847-9390
www.woodcreektx.gov



ARTICLE

Consider Composting Toilets



Managing human waste in remote areas is a challenge. Poorly managed human waste can result in health hazards, environmental pollution, unsightliness and offensive odors. Fortunately, there are methods to manage human waste effectively in the backcountry and other areas where water is scarce.

Waterless Composting Toilets

National Park Service (NPS) [Office of Public Health Reference Manual 83](#) (https://www.nps.gov/public_health/info/rms/rm83f.pdf) (Backcountry Operations) points out that allowable methods depend on the NPS Unit and may differ within a park by area. One method that has proven reasonably successful is to [compost human waste using waterless composting toilets](#) (<https://www.fs.fed.us/t-d/pubs/html/95231202/95231202.html#COMP>).

First commercialized in Sweden over 40 years ago, a wide variety of composting toilet models are available today. All models decompose human waste, turning it into humus (compost) through an aerobic process. The U.S. Environmental Protection Agency (EPA) describes a composting toilet as "a well-ventilated container that provides the optimum environment for unsaturated, but moist, human excrement for biological and physical decomposition under sanitary, controlled aerobic conditions."

The basic components of a composting toilet include:

- a chamber where the waste collects and decomposes
- a ventilation and exhaust system to ensure air flow and remove odors
- a leachate (moisture removal) system
- an access point to remove the humus

Composting toilets require a carbon source, such as sawdust or wood chips, to:

- Add bulk
- Remove moisture
- Improve aeration

In addition to adding material, maintenance of composting toilets includes mixing the waste and removing the odorless finished product. Remove the finished compost bushel every 1 to 2 years, depending on the level of use, digester tank size and temperature. According to the [Green Building Alliance](#) (<https://www.greenbuildingalliance.org/resources/green-building-methods/composting-toilets/>), commercial composting toilets cost from \$1,500 to \$8,000.

Humus from NPS composting toilets is domestic septage and deposits in permitted landfill or wastewater treatment plant, unless it meets 40 CFR 503 requirements as a Class A or Class B sludge. Fecal material in a form easily transported is the primary function, for NPS purposes, of a composting unit.

What do visitors to public lands think of composting toilets?

The U.S. Forest Service has found that recreational user acceptance of composting toilets is extremely high, since well-functioning units have no offensive odor and are considered an environmentally sound waste disposal method.

From the crest of Mount Le Conte in the Great Smoky Mountains to the isolated beach of Kaloko-Honokohau National Historical Park, park visitors can find composting toilets built following the latest designs and technology in national parks across the country. For NPS, perhaps the most successful example of composting toilets is at Northern Cascades National Park where composting toilets have successfully operated in 16 locations in alpine and sub-alpine elevations for almost 30 years!

Concessioners looking to upgrade toilet systems in campgrounds and other remote sites should consider composting toilets as an option.



- commercial services program
- compost
- environmental
- environmental preservation
- concessions
- backcountry
- public health

Last updated: August 11, 2021

Was this page helpful?

Yes

No

An official form of the United States government. Provided by [Touchpoints](https://touchpoints.app.cloud.gov/) (<https://touchpoints.app.cloud.gov/>)

City Secretary

From: Cody Abney [REDACTED]
Sent: Wednesday, January 31, 2024 3:13 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Prefab restroom

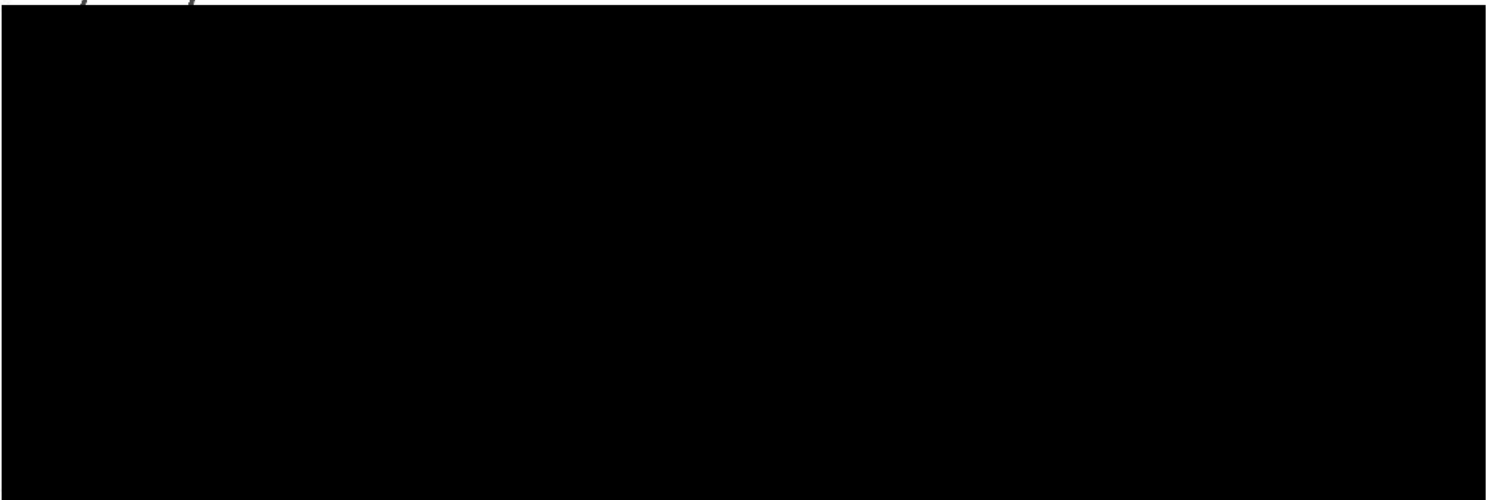
The only practical one is \$90,198 with the 10% BuyBoard discount. That's from the vendor in Marble Falls.

Which does not include a grinder pump, electrical service, taps on sewer and water, or a 110 ton crane to set the building.

A facility could be built on site. We need an architect to design it, a mechanical engineer for the plumbing and electrical, and stamped drawings to assemble contractor bids.

Thanks,

Cody Abney

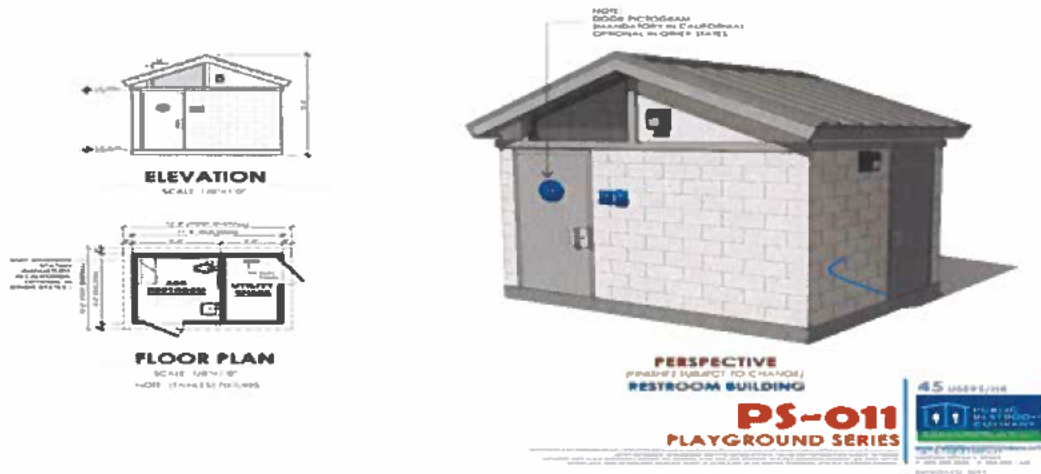


From: Ruth Ann Gilbert [REDACTED]
Sent: Wednesday, January 31, 2024 11:53 AM
To: Cody Abney [REDACTED]
Cc: City Secretary <city.secretary@woodcreektx.gov>; Jeff Rasco <jeff.rasco@woodcreektx.gov>; Manager <manager@woodcreektx.gov>; [REDACTED]
Subject: Re: Prefab restroom

Thanks so much.
Ruth Ann

On Wed, Jan 31, 2024 at 10:47 AM Cody Abney <[REDACTED]> wrote:

I have requested quotes from all five vendors. I will have an exhibit prepared for distribution at the next board meeting.



PS-011 | PLAYGROUND SERIES

The PS-011 model features a single, all gender concrete block restroom complete with one (1) flush toilet and one (1) sink that will accommodate **up to 45 users per hour**. This restroom is ADA code compliant and built with proprietary vandal resistant components.

▼

Stay connected on the latest from PRC and recent installs in communities near you!

City Secretary

From: Cody Abney <[REDACTED]>
Sent: Monday, January 29, 2024 11:10 AM
To: [REDACTED]
Cc: Manager; City Secretary; Jeff Rasco
Subject: Prefab restroom

Regarding the council approved funding for a proposed permanent restroom, I did some digging into the types of facilities I have seen at State Parks, for example.

A prefabricated option for a permanent restroom at the park will likely be the most cost-effective option.

A grinder pump and a sewer tap would be needed, along with a domestic water tap and a meter box. Avoiding any site-built construction (outside of plumbing rough-in) including the foundation will cut labor costs dramatically.

Here are links to examples:

- <https://www.corworth.com/models/restrooms/>
- <https://wallisconcrete.com/prefabricated-concrete-restrooms/>
- <https://greenflushrestrooms.com/park-restrooms/>
- <https://publicrestroomcompany.com/buildings/ps-011-playground-series/>
- <https://modularconnections.com/restrooms-park-facilities/>

Thanks,

Cody Abney



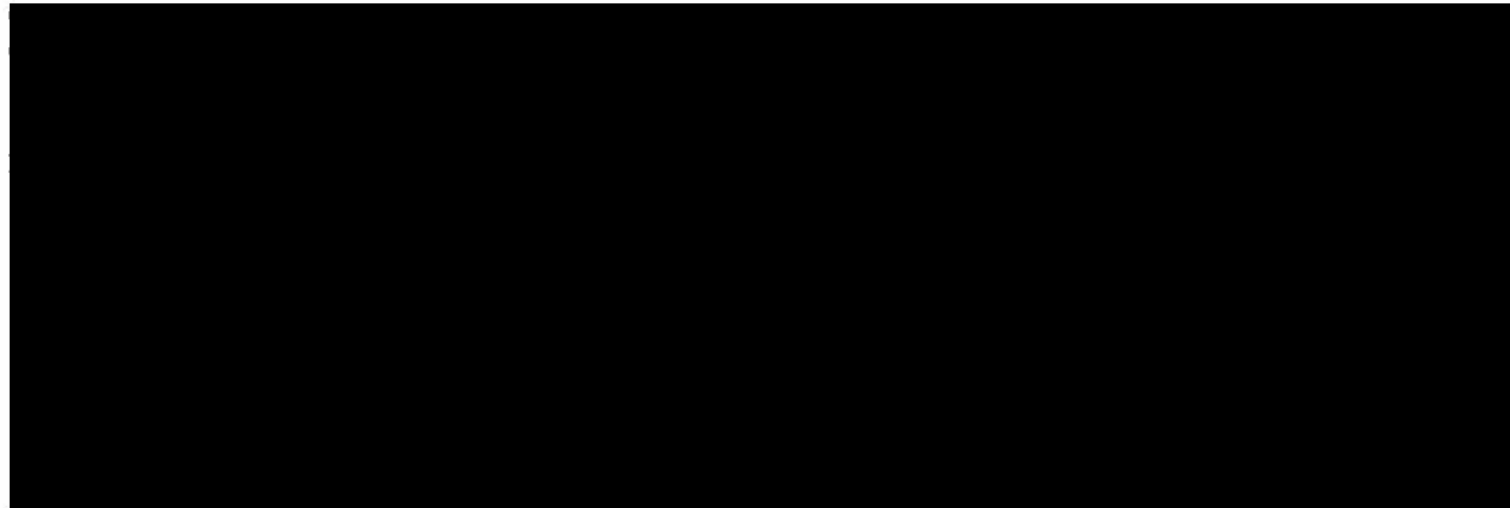
City Secretary

From: Cody Abney [REDACTED]
Sent: Tuesday, February 13, 2024 9:25 AM
To: City Secretary; Manager
Subject: FW: City of Woodcreek RFP
Attachments: RRTR24134.pdf; MC5341 LAY PRE02.pdf; 8X10 FND FOR MCP719.pdf; General RR Spec (021319).pdf; MB8x10RR.jpg; MC Restroom.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Modular Connections.

Cody Abney



From: [REDACTED]
Sent: Wednesday, January 31, 2024 3:24 PM
To: Cody Abney [REDACTED]
Subject: RE: City of Woodcreek RFP

Cody,

Modular Connections is pleased to provide you with a quote on an 8X10 restroom building for your project. Please find attached our proposal. I have included a SAMPLE layout drawing.

All permits, foundation installations, Off-Loading/Set Up, and access to the site will be the responsibility of others. See the attached quote for the items we are quoting.

<https://modularconnections.com/restrooms-park-facilities/>

Please feel free to contact me with any questions. We look forward to working with you.

Thanks and Regards,

From: Cody Abney [REDACTED]
Sent: Wednesday, January 31, 2024 10:44 AM
To: [REDACTED]
Subject: City of Woodcreek RFP

EXTERNAL MAIL: Caution Opening Links or Files

Good morning,
I am on the Parks Board with the City of Woodcreek, Texas.

The Mayor and Council have tasked me with getting quotes for modular restroom facilities to be installed at a newly built City Park and playground.
This procurement effort has already been funded by Council.

We are interested in a small, single-use facility as simply constructed as possible, with a single toilet and single sink.

ROM pricing (or specifics) would be greatly appreciated.

Thanks,

Cody Abney

[REDACTED]

Parks and Recreation



14' x 36' Restroom & Concession Facility



10' x 18' Men's / Women's ADA Restroom & Rear Access Utility

Restrooms



10' x 18' Men's / Women's ADA Restroom with Vestibule



Men/Women ADA Restroom and Rear Showers

The Modular Connections team has the experience, knowledge, and solutions to meet your building and integration requirements. Our team will partner with you to provide cost effective building solutions to meet your specifications and construction schedule. Call us today to see how we can make the connection to your building solution or visit our Website for more information.

Modular Connections, LLC

1090 Industrial Blvd
Bessemer, AL 35022

205-980-4565

Website: www.ModularConnections.com

E-Mail: Sales@ModularConnections.com



APPLICATIONS

- Restrooms and Shower Buildings
- Concession and Vending Buildings
- Office Applications
- Secure Storage Buildings
- Retail Kiosks

FEATURES

- Solid Concrete Structure
- Fast-Track Construction
- Minimal Site Disruption
- Single or Multi-Module Design
- Custom Exterior/Interior Finishes
- Storm Resistant
- Seismic Rated
- Bullet Resistant
- Custom Design
- Low Maintenance
- 50+ Year Life Cycle Structure
- High Security
- Aesthetically Pleasing

Restrooms

We offer a wide variety of standard features and custom finish options to meet your specifications.

China, Solid Surface & Stainless Fixtures Available

Dividers & Partitions: Coated Steel, Stainless, Laminates, Plastic or Phenolic

ADA Compliant Designs

Complete Washroom Accessory Options

Custom Interior Finishes: Epoxy, Tile, Composite Panel, Concrete

Various Climate Control Options Available

Vandal Resistant & Security Options

Your Custom Specifications Welcome!



Modular Connections, LLC

1090 Industrial Blvd
Bessemer, AL 35022

205-980-4565

Website: www.ModularConnections.com

E-Mail: Sales@ModularConnections.com



January 31, 2024



Cody Abney



Project Reference: Prefabricated Restroom Building- 8X10 Woodcreek, TX

Modular Connections is pleased to submit its proposal for a Prefabricated Restroom Building.

The **Concrete Restroom Building** proposed will be Modular Connections' standard construction featuring solid concrete design with 4" walls and steel rebar reinforced high strength concrete. The standard exterior finish is Modular Connections' Broom Smoothed Concrete Painted.

Modular Connections' Concrete Building has been designed to be, **Bulletproof** to 30.06 Rifle from 15 feet per UL-752, provide **2-Hour Fire Rating** per IBC, and be Virtually **Waterproof and Maintenance Free** with Internal Seals.

The Shelter you requested will be equipped as follows:

1) 8'0" WOD X 10'0" LOD X 8' HID Restroom Building

Exterior Finish – Broom Smoothed Painted Concrete (BASF MasterProtect HB300SB coating)

Standard Color: Dovetail Gray Walls – Mindful Gray Trim (Unless Alternate Color Provided by Customer)

Internal (Non-Exposed) Structural Seals

Roof panels are side wall cast gable with two 4" thick concrete roof panels – raised rib, exposed fasteners, colored metal roof panels with eave and rake finish trim

Four (4) Cast-in Lifting Shackles

40 PSF Roof Load Uniformly Distributed

150 PSF Floor Load Uniformly Distributed

150 MPH Wind Load

Seismic Rated – Based upon site location

****** Manufactured in a N.P.C.A. Certified Factory ******

2) Interior Finish

Steel Form Finished Concrete Walls and Ceiling – Painted Alpine White

Hardi-Trim at Ceiling and Wall Intersections – Painted Alpine White

Concrete interior partition walls to form Restroom Areas

Trowel Finished Urethane Painted Gray Concrete Floor with Rubber Cove Molding

-
- 3) Estimated Restroom Weight – 28,000 Lbs. per module
- 4) **Insulation**
None
- 5) **Doors and Accessories**
Two (2) 3' x 7' Exterior 18 Gauge Galvanized and Painted Steel Door with Cast-in 16 Gauge Galvanized and Painted Steel Door Frame
with,
NRP Non-Corrosive Hinges
Lever Mortise Lockset with Deadbolt and Interchangeable Core
Hydraulic Door Closers
Aluminum Threshold and Door Sweep
Weather Stripping
Aluminum Drip Shield
NOTE: Doors Swing to Exterior (two for restroom areas and one for service chase)
- 6) **Windows**
two (2) 16"x32" natural lighting windows -opaque glass blocks (one window per user area)
- 7) **Electrical System**
- A) 24 Position AC Load Center – SQ D QO
120/240 VAC Single Phase
60 Hz Operation
100 Amp Main Breaker
 - B) Three (3) 48" Damp Location Interior LED Light Fixtures with Motion activated controls and Lenses
 - C) Two (2) Exterior 13 Watt LED Light Fixtures with photo cell
 - D) Two (2) Interior Emergency/Exit lights combination Fixtures with 2 hours battery back-up and charger (one in each restroom)
 - E) Three (3) Duplex GFCI Outlets – Wall Mounted One each in Restrooms and Service chase
 - F) Required Surface Mounted PVC Conduit, Fittings, Junction Boxes, Wiring, Breakers, and Clamps
- 8) **Ventilation**
one (1) restroom use ventilation in line, motion activated (via lighting circuit) electric fan, grills and ducting to one (1) louvered exhaust vent with one (1) door mounted, 12" x 12" louvered intake vents
- 9) **Cooling/Heating**
One (1) Wall mounted 2 kW electric fan forced heater with thermostat (Chase)



**10) Restroom Items
Unisex (ADA compliant)**

Fixtures in User Area – One (1) toilet and one (1) Sink

toilets – One (1) wall mounted, commercial grade, white china, elongated bowl, siphon jet style with hinged plastic seat

toilet valves – One (1) exposed, manual, low consumption flush

sinks – One (1) wall mounted, commercial grade, white china with 4" centers

sink faucets – One (1) push button, slow closing, metering

ADA support bar(s) – stainless steel with hardware as required

toilet tissue dispensers – One (1) wall mounted, stainless steel, multiple roll

paper towel dispenser – One (1) wall mounted center pull

soap dispensers – One (1) 40 oz. stainless-steel, push-button liquid soap

mirrors – One (1) wall mounted, stainless steel framed 18"x36" size

hot water supply – one (1) 6-gallon electric compact tank style

user area floor drains – One (1) 2" with covers

service water – one (1) interior keyed bib

C) Pricing Information (each, FOB Bessemer, AL)

One (1) Shelter Structure (as described above)	\$ 68,175.00
Logistics Coordination Fee	\$ 650.00
Freight cost (Invoiced at Actual Cost)	\$ 6,700.00

Assumed delivery destination is Woodcreek, TX area

Off-Loading and Set Up BY OTHERS

Optional Items

Supply custom formed exterior finish pattern	\$ 9,195.00
surface mount, sensor controlled forced air electric hand dryers	\$ 450.00
Supply concealed, sensor controlled flush valves	\$ 660.00

Please note, NO Interior finish or insulation is included in our standard design. This means restroom building must be winterized during the cold season. If local codes require freeze protection/insulation we can add an interior finish and heaters at an additional cost.

WORK PERFORMED BY OTHERS – NOT INCLUDED IN PROPOSAL

- A) Any Site Preparation / Grading
- B) Foundation Installation
- C) Site Utility Prep – Electric/Water/Waste Water
- D) Site Utility Terminations to Building – Electric/Water/Waste Water
- E) Soil Borings – Soil Reports
- F) Custom Foundation Design For Rock or Poor Soil Conditions (less than 2,500psf soil bearing capacity)
- G) Roadways to or within the site locations. Ground is assumed to be adequate to support large truck equipment with adequate turning radius for exit
- H) No Site Work of Any Kind is Included In This Proposal

D) Proposal General Terms and Qualifiers

Scope of Work. The scope of work covered under this proposal is limited exclusively to the following:

1. manufacture of the structure module(s)
2. supply of an approved foundation design
3. transportation of module(s) to a site designated by purchaser

All site preparation, foundation construction/installation, structure installation and on-site utility terminations are to be supplied by the purchaser.

Certifications. Modular Connections, LLC will comply with State Building Programs where required. Federal projects are exempt from state regulatory requirements. Local/municipal inspections/approvals, including site inspections, building permits, and zoning approvals, are purchaser's responsibility. Contact Modular Connections for availability and pricing if additional engineering, engineer seals or drawings are required.

Completion & Delivery. Estimated delivery date of structure will be **36-38 weeks** from date of receipt of purchaser approval of design/engineering drawings. Purchaser should allow 8-10 weeks for submission of drawing package. Scope deviations from the scope described above are beyond the control of Modular Connections, LLC and may extend the estimated lead time of approval drawings. **Modular Connections, LLC will not be responsible for delays related to unexpected supply chain issues or workflow disturbances related to Covid 19.**

Engineering. Upon receipt of customer approval of design submittals by Modular Connections, LLC, this proposal includes up to three (3) PE sealed analysis packages. Additional engineering analysis packages will be \$650 each.

Freight. The freight/delivery charges shown are estimates only and assume that satisfactory hiway/road conditions exist to transport the structure to a site designated by purchaser and that said site is accessible, is capable of supporting heavy loads and will allow for the ingress/egress of the transport equipment. Additional costs incurred as a result

of inadequate site conditions and accessibility will be borne by purchaser.

Fuel Surcharge Freight charges will be subject to a fuel surcharge which will be billed as a separate charge on freight bills. The fluctuating price of fuel, however, can add significant costs to carriers.

Crane. The crane charges shown are estimates only and assume accessible site conditions with no overhead, underground and/or peripheral obstructions. The estimate shown is based upon a lift radius (center of crane to center of foundation) of 30 feet. Additional crane costs incurred due to inadequate site conditions and/or accessibility conditions and/or increased radius dimensions will be invoiced to purchaser.

Field Product Support / Installation: See Above. Field Product Support / Installation includes a Modular Connections representative assisting with the offload of the shelter onto a customer furnished foundation, installation of any appurtenances removed due to shipping restrictions, and termination to foundation weld plates. This shall also include internal systems disconnected for shipping purposes and finishes at mate line intersections. The contractor shall be responsible for all site prep, ensuring site accessibility, and termination of utilities to the shelter.

Commercial Terms. Formal purchase orders or sales agreements are contingent upon a review of purchaser's credit by Modular Connections, LLC. Progress invoicing and payment will be required. A 1/3rd of the structure price will be invoiced at submittal of design drawings, another 1/3rd of the structure price will be invoiced at casting/erection and the balance of the structure price will be invoiced on the date structure is ready for shipping. Commercial terms for all invoices will be Net 30 days. Payment for the first and second invoice amounts must be received by Modular Connections LLC before the structure will be released for shipping. Amounts not paid as agreed will incur a Service Charge of 1.5% per month for as long as they remain unpaid.

A Storage Fee of \$5 per day will be assessed to Buyer for each day of shipping delay caused by Buyer. Storage fees will begin on the 61st day after the original planned Goods shipping date established during the design submittal process. Should Modular Connections have to initiate any legal action on any unpaid invoices, purchaser will be responsible for all costs and expenses, including but not limited to reasonable attorneys' fees, incurred by Modular Connections to collect monies billed by and owed to Modular Connections.

Taxes. All pricing is exclusive of applicable sales, use, excise, or contractor taxes. If structure purchase transaction is subject to such taxes, the purchaser will reimburse Modular Connections, LLC for any such taxes/fees, together with any interest and penalties that may be imposed by any taxing authority. If the structure purchase transaction is exempt from such taxes/fees, the purchaser must provide Modular Connections, LLC with proof of exemption (such as an exemption certificate) at the time the purchaser places the order.

[Redacted]

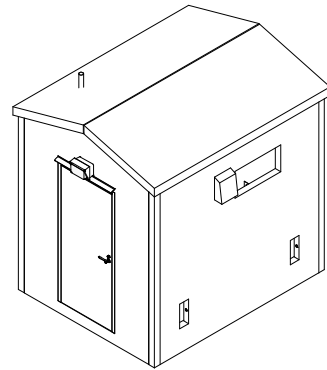
Warranty. Concrete module(s) will carry a one (1) year structural and workmanship warranty. All peripheral components, equipment and accessories included will carry their original manufacturers' warranties.

Validity. This pricing proposal is valid for a **period of thirty (30) days** from the date of this letter.

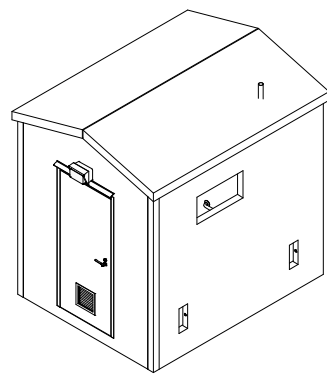
Purchasing Information
Modular Connections, LLC
Attn: Illia Ayers
1090 Industrial Blvd.
Bessemer, AL 35022
PH: 205-980-4565
[Redacted]

Quotation Prepared by

Tom Rohn
[Redacted]
[Redacted]
[Redacted]

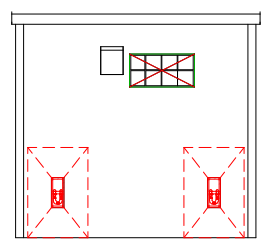


1 3D PANEL A & PANEL B TOP VIEW - ELECTRICAL

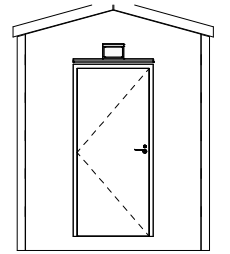


2 3D PANEL C & PANEL D TOP VIEW - ELECTRICAL

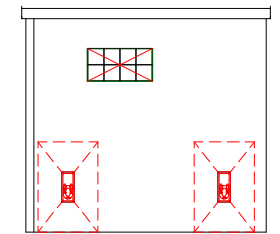
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Count	SHEET #	SHEET DESCRIPTION	REV. #	REV. DATE	REV. DESCRIPTION
1	E0.0	3D VIEWS & DRAWING INDEX			
1	E0.1	LAYOUT DRAWING			
1	E0.2	PROJECT NOTES			
1	E0.3	ABBREVIATIONS AND SYMBOLS			
1	E0.4	PICK LISTS AND CUT SCHEDULES			
1	E0.5	EQUIPMENT LIST			
1	E0.6	WALL & ENCLOSURE PENETRATION DETAILS			
1	E2.0	FLOOR PLAN (ELECTRICAL)			
1	E3.0	PLAN VIEW (COORDINATION)			
1	E3.1	RCP (POWER & LIGHTING)			
1	E4.1	ENDWALL PANEL A (EXTERIOR)			
1	E4.2	SIDEWALL PANEL B (EXTERIOR)			
1	E4.3	ENDWALL PANEL C (EXTERIOR)			
1	E4.4	SIDEWALL PANEL D (EXTERIOR)			
1	E5.1	ENDWALL PANEL A (INTERIOR)			
1	E5.2	SIDEWALL PANEL B (INTERIOR)			
1	E5.3	ENDWALL PANEL C (INTERIOR)			
1	E5.4	SIDEWALL PANEL D (INTERIOR)			
1	E6.5	PARTITION G (B SIDE)			
1	E6.6	PARTITION G (D SIDE)			
1	E7.0	ACP-1 PANEL SCHEDULE			
1	E7.2	WIRING DIAGRAM(S)			
Grand total: 22					



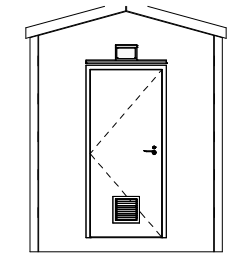
3 PANEL A ELEVATION - MEP
1/4" = 1'-0"



4 PANEL B ELEVATION - MEP
1/4" = 1'-0"



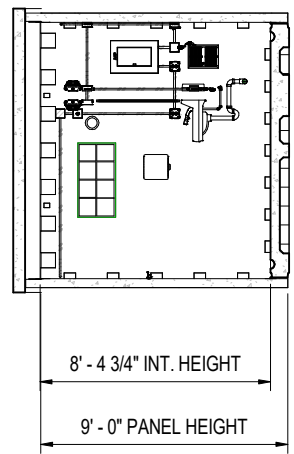
5 PANEL C ELEVATION - MEP
1/4" = 1'-0"



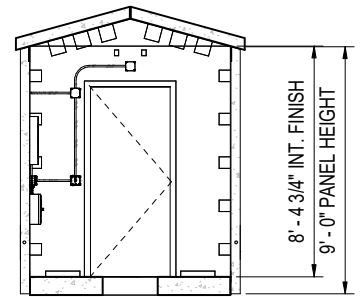
6 PANEL D ELEVATION - MEP
1/4" = 1'-0"

PRELIMINARY SUBJECT TO OWNER REVIEW

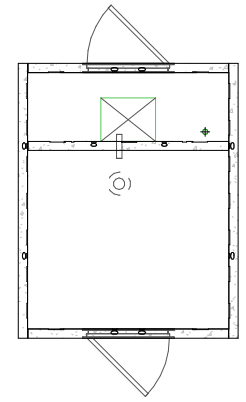
REV. NO.	DESCRIPTION	DATE	DWN BY
1	1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	11/7/23	
		DATE	JOB NO.
DRAWING NO. D22246 SCALE PER DRAWING		11/7/23	MCP1537 - MC5341
TITLE 3D VIEWS & DRAWING INDEX		DRAWN BY OS	CHECKED BY WHS
			E 45



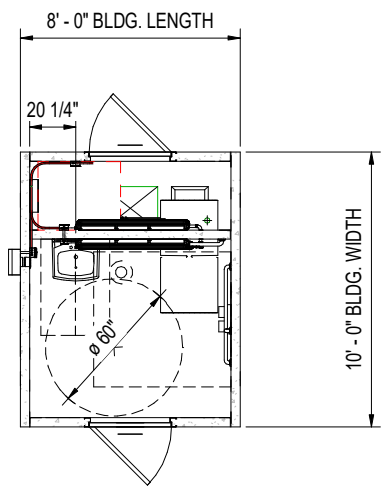
② PANEL A - MEP
1:42



③ PANEL B - MEP
1:42

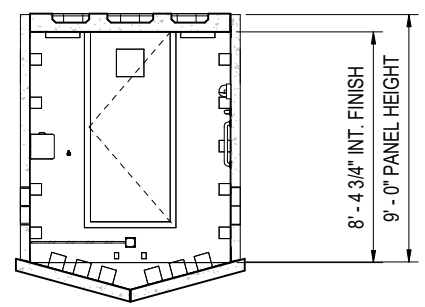
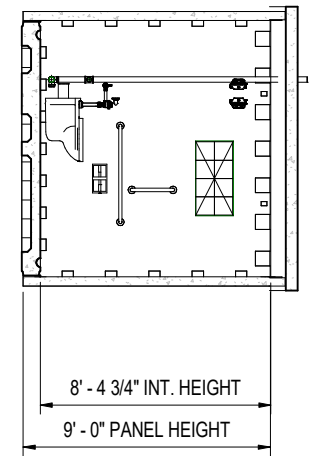


⑥ REFLECTED CEILING - MEP
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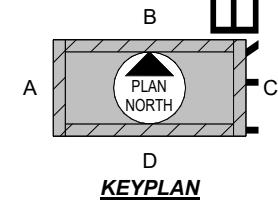


① FLOOR PLAN - MEP
1:42

1:42
④ PANEL C - MEP



⑤ PANEL D - MEP
1:42



REV NO.	DESCRIPTION	DATE	DWN BY
	1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	11/7/23	
MODULAR CONNECTIONS MODULAR CONNECTIONS, LLC All Rights Reserved		DRAWING NO. D22246 SCALE PER DRAWING	JOB NO. MCP1537 - MC5341 DRAWN BY OS CHECKED BY WHS
TITLE		- 10' x 8' x 8'-0" IH	
LAYOUT DRAWING		E 46	

PROJECT DATA - SOUTH CAROLINA

DESIGN CODES:

- 2021 INTERNATIONAL BUILDING CODE WITH SC AMMENDMENTS
- 2021 INTERNATIONAL RESIDENTIAL CODE WITH SC AMMENDMENTS
- 2021 INTERNATIONAL MECHANICAL CODE WITH SC AMMENDMENTS
- 2021 INTERNATIONAL PLUMBING CODE WITH SC AMMENDMENTS
- 2021 INTERNATIONAL FUEL GAS CODE WITH SC AMMENDMENTS
- 2021 INTERNATIONAL FIRE CODE WITH SC AMMENDMENTS
- 2020 NATIONAL ELECTRICAL CODE (NFPA 70) WITH SC AMMENDMENTS
- 2020 INTERNATIONAL ENERGY CONSERVATION CODE PER SECTION 501.2, USE ASHRAE/IESNA 90.1 2007 SECTION 2.3C - EXEMPT

NOTES:

1. MAIN DISCONNECT GROUND WIRE MUST BE ATTACHED TO GROUNDING SYSTEM BEFORE APPLYING POWER.
2. ALL WIRE AMPACITIES BASED ON TABLE 310-16 NEC, 310-15(b)(2)(a). ALL WIRE IS RATED AT 75°C W/ 75°C CRATED LUGS. CONDUIT FILL BASED ON ANNEX C NEC (TABLE C1).
3. ALL SERVICE ENTRANCE EQUIPMENT SHALL BE LISTED FOR ITS USE.
4. LOCAL BUILDING OFFICIALS: ALL THE ITEMS THAT ARE NOT COVERED IN THE APPROVAL PROCESS ARE TO BE SITE INSTALLED. ALL SITE INSTALLED ITEMS ARE SUBJECT TO LOCAL REVIEW, APPROVAL, AND INSPECTION PROCESS.
5. MOUNT GROUND CLAMP TO SIDE OF CABLE TRAY WITH WIRE LAYING ON RUNGS AND TYRAP TO EVERY OTHER RUNG.
6. RUN 18 AWG THHN STRANDED COPPER FOR ALARM WIRES. COIL AND TAG DOOR CONTACTS AND SMOKE DETECTORS. COIL UP 40FT OF ALARM WIRES IN LIQUID TIGHT NON-METALLIC FLEXIBLE CONDUIT ON CABLE TRAY FOR CUSTOMER CONNECTION. ALARMS TO BE WIRED N/O.
7. USE UNISTRUT ON BOTTOM OF CABLE TRAY.
8. ANY CHEMICALS TO BE STORED IN THIS BUILDING SHALL NOT EXCEED AMOUNT LISTED IN TABLES 307.1 AND 307.1(2) OF THE REFERENCED IBC.
9. IF BATTERIES WITH AN ELECTROLYTE CAPACITY OF MORE THAN 50 GALLONS ARE TO BE INSTALLED WITHIN THIS BUILDING, ONE OF THE FOLLOWING ALTERNATIVES MUST ALSO BE INSTALLED: 1.) AN EXHAUST FAN WITH A HYDROGEN LIMIT SWITCH SO AS TO LIMIT THE HYDROGEN TO 1% OF THE TOTAL VOLUME OF THE ROOM; OR 2.) CONTINUOUS VENTILATION SHALL BE PROVIDED AT A RATE NOT LESS THAN 1 CUBIC FOOT PER MINUTE PER SQUARE FOOT OF FLOOR AREA OF ROOM.
10. ALL NEUTRALS AFTER MAIN DISCONNECT SHALL BE ISOLATED FROM GROUND.


DESIGN LOADS:

FLOOR LIVE LOAD	100 PSF
FLOOR DEAD LOAD	39 PSF
ROOF LIVE LOAD	50 PSF
ROOF DEAD LOAD	49.7 PSF
RISK CATEGORY	II
GROUND SNOW LOAD	5 PSF
SNOW LOAD IMPORTANCE FACTOR	1
SNOW EXPOSURE FACTOR	1.2
THERMAL FACTOR	1.2
FLAT ROOF SNOW LOAD	5.04 PSF
WIND VELOCITY (3-SEC GUST, Vult)	150 MPH
WIND VELOCITY (3-SEC GUST, Vasd)	116 MPH
WIND EXPOSURE CATEGORY	C
INTERNAL PRESSURE COEFFICIENT	±0.18
WIND LOAD HORIZONTAL (MWFRS)	35.79 PSF
WIND LOAD (UPLIFT) (MWFRS)	53.48 PSF
WIND LOAD HORIZONTAL (C & C, ZONE 4)	53.27 PSF
WIND LOAD HORIZONTAL (C & C, ZONE 5)	65.76 PSF
WIND LOAD (UPLIFT) (C & C, ZONE 1)	78.25 PSF
WIND LOAD (UPLIFT) (C & C, ZONE 2)	103.22 PSF
WIND LOAD (UPLIFT) (C & C, ZONE 3)	140.68 PSF
WIND LOAD HORIZONTAL (C & C, ZONE 4, Vasd)	31.96 PSF
WIND LOAD HORIZONTAL (C & C, ZONE 5, Vasd)	39.46 PSF
SEISMIC IMPORTANCE FACTOR	1
SPECTRAL RESPONSE ACCELERATION S _{DS}	0.839
SPECTRAL RESPONSE ACCELERATION S _{D1}	0.512
SEISMIC DESIGN CATEGORY	D
SITE CLASS	D
BASIC SEISMIC-FORCE RESISTING SYSTEM	A.5 - BEARING WALL SYSTEMS - INTERMEDIATE PRECAST SHEAR WALLS
DESIGN BASE SHEAR	0.37W
ANALYSIS PROCEDURE	EQUIVALENT LATERAL-FORCE PROCEDURE
OCCUPANCY USE GROUP	S2
CONSTRUCTION TYPE	VB
MINIMUM SETBACK	SEE NOTES FOR A COMMON OR ASSUMED PROPERTY LINE TO COMPLY WITH IBC-2015

① DESIGN LOADS
12" = 1'-0"

Item 6.

PRELIMINARY SUBJECT TO OWNER REVIEW

REV NO.	DESCRIPTION	DATE	DWN BY
	 1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	11/7/23	
TITLE		DRAWING NO.	JOB NO.
PROJECT NOTES		D22246	MCP1537 - MC5341
SCALE		DRAWN BY	CHECKED BY
PER DRAWING		OS	WHS
		SHEET	
		E	47

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ELECTRICAL ABBREVIATIONS & SYMBOLS LEGEND

ABBREVIATIONS		ABBREVIATIONS (CONT.)		BASIC MATERIALS		FIRE ALARM / DETECTION / SUPPRESSION		LIGHTING	
ABBREVIATIONS	DESCRIPTION	ABBREVIATIONS	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A/C	AIR CONDITIONING	MAX	MAXIMUM		SINGLE POLE SWITCH		SMOKE DETECTOR		LED OR FLUORESCENT FIXTURE, CEILING OR PENDANT MOUNTED
AC	ALTERNATING CURRENT	MCA	MINIMUM CIRCUIT AMPERES		3-WAY SWITCH		HEAT DETECTOR		LED OR FLUORESCENT TROFFER LIGHT 2' X 4'
ACP	AC PANELBOARD	MCB	MAIN CIRCUIT BREAKER		4-WAY SWITCH		PHOTO-ELECTRIC DETECTOR		LED OR FLUORESCENT TROFFER LIGHT 2' X 2'
ABV	ABOVE	MDP	MAIN SERVICE DISTRIBUTION PANEL		DIMMER SWITCH		RESISTOR		EMERGENCY TWIN-HEAD LIGHT WITH INTEGRAL BATTERY PACK, WALL MOUNTED
ADA	AMERICANS WITH DISABILITIES ACT	MIN	MINIMUM		DOUBLE POLE SINGLE THROW SWITCH		END OF LINE RESISTOR		EXIT LIGHT, WALL MOUNTED (BLACK ARROW POINTS IN THE DIRECTION OF EGRESS)
AFF	ABOVE FINISHED FLOOR	MLO	MAIN LUG ONLY		DOUBLE POLE DOUBLE THROW SWITCH		ABORT SWITCH		VAPOR-TIGHT WALL SCONCE (JELLY JAR) FIXTURE WITH LED A-19 BULB
AFG	ABOVE FINISHED GRADE	MOC	MAXIMUM OVERCURRENT PROTECTION		KEYED SWITCH		MANUAL RELEASE SWITCH		EXTERIOR WALL LIGHT (WALLPACK, SCONCE, FLOOD)
AHU	AIR HANDLING UNIT	MSB	MAIN SERVICE SWITCHBOARD		OCCUPANCY SENSOR SWITCH		DISCONNECT SWITCH		
AIC	AMPERE INTERRUPTING CAPACITY	MTD	MOUNTED		TIMED SWITCH		ALARM BELL		
AL	ALUMINUM	MTG	MOUNTING		SIMPLEX RECEPTACLE		LOW PRESSURE SWITCH		
AMP	AMPERE	MTR	MOTOR		DUPLEX RECEPTACLE		DISCHARGE PRESSURE SWITCH		
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MTS	MANUAL TRANSFER SWITCH		TWO DUPLEX RECEPTACLES (QUAD) WITH COMMON COVERPLATE		MANUAL PULL STATION		
ASA	AMERICAN STANDARDS ASSOCIATION	NC	NORMALLY CLOSED		TWO DUPLEX RECEPTACLES (QUAD) WITH TWO USB PORTS & COMMON COVERPLATE		GAS AGENT DISPERSION NOZZLE		
AT	AMPERE TRIP	NEC	NATIONAL ELECTRIC CODE		TWO DUPLEX RECEPTACLES (QUAD) WITH TWO USB PORTS & COMMON COVERPLATE		STROBE, WALL MOUNTED		
ATS	AUTOMATIC TRANSFER SWITCH	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION		GFCI RECEPTACLE		STROBE, CEILING MOUNTED OR VERTICALLY MOUNTED ON EXTERIOR MAST AND/OR JUNCTION BOX		
AUX	AUXILIARY	NEU	NEUTRAL		IN-USE WEATHERPROOF GFCI RECEPTACLE		EXTINGUISHING AGENT CYLINDER TANK		
AWG	AMERICAN WIRE GAUGE	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION		TWO GFCI DUPLEX RECEPTACLES (QUAD) WITH COMMON COVERPLATE		FIRE ALARM CONTROL PANEL		
BC	BARE COPPER	NIC	NOT IN CONTRACT		SPECIAL PURPOSE RECEPTACLE, NEMA CONFIGURATION AS NOTED		COMBINATION AUDIBLE & VISUAL ALARM (STROBE / SPEAKER), WALL MOUNTED		
BKR	BREAKER	NF	NON-FUELED		DUPLEX RECEPTACLE, CEILING MOUNTED		ALARM HORN ONLY		
CAB	CABINET	NL	NON-LINEAR		TWO DUPLEX RECEPTACLES (QUAD) WITH COMMON COVERPLATE, CEILING MOUNTED				
CKT	CIRCUIT	NO	NORMALLY OPEN / NUMBER		SPECIAL PURPOSE RECEPTACLE, CEILING MOUNTED, NEMA CONFIGURATION AS NOTED				
CB	CIRCUIT BREAKER	OL	OVERLOAD		MOTORIZED LOUVER				
CATV	CABLE TELEVISION	OSHA	OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION		GROUND				
CCTV	CLOSED CIRCUIT TELEVISION	P	POLE		GROUND BUS BAR, COPPER				
CLG	CEILING	PB	PULLBOX		SURGE PROTECTION DEVICE				
COAX	COAXIAL CABLE	PF	POWER FACTOR		HYDROGEN DETECTOR				
COND	CONDUCTOR	PNL	PANEL		ELECTRIC WALL HEATER, SURFACE MOUNTED				
CONN	CONNECTION	PRI	PRIMARY		VENT FAN, WALL MOUNTED				
CPU	CENTRAL PROCESSING UNIT	PVC	POLYVINYL CHLORIDE						
CT	CURRENT TRANSFORMER	PWR	POWER						
CU	COPPER	REC	RECEPTACLE						
CW	COLD WATER	REF	REFRIGERATOR						
DC	DIRECT CURRENT	RGS	RIGID GALVANIZED STEEL CONDUIT						
DCP	DC PANELBOARD	RMS	ROOT-MEAN-SQUARE						
DEG	DEGREE	RPM	REVOLUTIONS PER MINUTE						
DF	DEMAND FACTOR	RTU	ROOF TOP UNIT						
DISC	DISCONNECT	SCA	SHORT CIRCUIT AMPERES						
DN	DOWN	SD	SMOKE DETECTOR						
DPST	DOUBLE THROW SINGLE THROW	SEC	SECONDARY						
EMT	ELECTRICAL METALLIC CONDUIT	S/N	SOLID NEUTRAL						
EOL	END OF LINE	SPD	SURGE PROTECTION DEVICE						
EOR	ENGINEER OF RECORD	SPEC	SPECIFICATIONS						
EWC	ELECTRIC WATER COOLER	SPKR	SPEAKER						
EXT	EXTERIOR	SPST	SINGLE POLE SINGLE THROW						
FA	FIRE ALARM	SS	STAINLESS STEEL						
FAAP	FIRE ALARM ANNUNCIATOR PANEL	SST	SOLID STATE TRIP						
FATC	FIRE ALARM TERMINATION CABINET	STT	SHORT TIME TRIP						
FCU	FAN CONTROL UNIT	SUB	SUBFEED BRANCH PANEL						
FLA	FULL LOAD AMPERES	SW	SWITCH						
FPU	FAN POWER UNIT	SWBD	SWITCHBOARD						
FT	FEET	SWGR	SWITCHGEAR						
GF	GROUND FAULT	TEL	TELEPHONE						
GFA	GROUND FAULT ALARM	TYP	TYPICAL						
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UG	UNDERGROUND						
GND	GROUND	UON	UNLESS OTHERWISE NOTED						
HP	HORSEPOWER	UL	UNDERWRITERS LABORATORIES						
HOA	HAND-OFF-AUTO	UTIL	UTILITY						
HORZ	HORIZONTAL	V	VOLT						
IBC	INTERNATIONAL BUILDING CODE	VA	VOLT-AMPERE						
IECC	INTERNATIONAL ENERGY CONSERVATION CODE	VAR	VOLT-AMPERE REACTIVE						
IMC	INTERMEDIATE METALLIC CONDUIT	VAV	VARIABLE AIR VOLUME						
IN	INCHES	VFD	VARIABLE FREQUENCY DRIVE						
IT	INSTANTANEOUS TRIP	W	WIRE						
J-BOX	JUNCTION BOX	WP	WEATHERPROOF						
KCMIL	ONE THOUSAND CIRCULAR MILS	XFMR	TRANSFORMER						
KV	KILOVOLT	XFR	TRANSFER						
KVA	KILOVOLT-AMPERES								
KW	KILOWATT								
KWH	KILOWATT HOURS								
LBS	POUNDS								
LED	LIGHT-EMITTING DIODE								
LP	LIGHTNING PROTECTION								
LT	LIGHT								
LTG	LIGHTING								
LV	LOW VOLTAGE								

ACCESS CONTROL / SECURITY

	ACCESS CONTROL SYSTEM PANEL
	PREPARATION FOR FUTURE CARD READER
	KEY PAD
	COMBINATION KEY PAD & CARD READER
	DOOR POSITION SWITCH (DOOR CONTACT OR LIMIT SWITCH)
	ELECTRIC STRIKE
	MAGNETIC LOCK
	REMOTE DOOR RELEASE BUTTON

NOTE: SOME SYMBOLS AND/OR ABBREVIATIONS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT

REV NO.	DESCRIPTION	DATE	DWN BY
1	1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 Fax# 877-475-5551 Email: info@modularconnections.com	11/7/23	
TITLE		DRAWING NO.	JOB NO.
ABBREVIATIONS AND SYMBOLS		D22246	MCP1537 - MC5341
SCALE		CHECKED BY	SHEET
PER DRAWING		WHS	E 48

PRELIMINARY - SUBJECT TO OWNER REVIEW

FINISH & COLOR SCHEDULE

NAME	EXT. WALLS	EXT. TRIM	EXT. DOORS	INT. WALL & CEILING	INT. DOOR(S)	FLOOR	ROOF
RESTROOM	STANDARD BASF COATING OVER BROOM FINISH	TBD	TBD	LATEX PAINT OVER SMOOTH FINISHED CONCRETE	MINDFUL GRAY	REXTHANE PAINTED GRAY WITH ANTI-SKID	RUBBER MEMBRANE ROOF SEAL

PIPE PICK LIST

QTY. OF 10' PIECES	SIZE	TYPE
0.7	1"ø	CU TYPE L
0.1	1/2"ø	CU TYPE L
0.7	1 1/4"ø	PVC DWV
1.2	2"ø	PVC DWV
0.0	3"ø	PVC DWV
0.1	4"ø	PVC DWV

CONDUIT


QTY. OF 10' LENGTHS	PART#	SIZE	DESCRIPTION	TOTAL LENGTH
2.4	ES1236	1/2"ø	CONDUIT, 1/2"ø EMT X 10' LENGTH	23' - 11"
0.0	ES1159	3/4"ø	CONDUIT, 3/4"ø EMT X 10' LENGTH	0' - 5"

PACK IN SHELTER

QTY.	PART#	MODEL	DESCRIPTION
16	820053	378084	ANCHOR, 1/2"-13 X 4-1/2" WEDGE ANCHOR STUD HDG HILT
12	82000014	82000014	BEARING PAD, 1/4" X 4" X 4"
6	82000016	82000016	BEARING PAD, 1/16" X 4" X 4"
12	82000018	82000018	BEARING PAD, 1/8" X 4" X 4"
12	ES4312	ES4312	BEARING PAD, 1/4" X 4" X 4" NEOPRENE
8	ES24558	ES24558	LATERAL SLIDE PLATE, HDG

ADDITIONAL PACK IN SHELTER

QTY.	PART#	MODEL#	DESCRIPTION
1pt.			DOOR PAINT - SEE FINISH & COLOR SCHEDULE
1qt.			EXTERIOR TRIM PAINT - SEE FINISH & COLOR SCHEDULE
2qt.			FLOOR PAINT
6	580032A	580032A	CAULK, URETHANE NP-1 ALUM GRAY
4	820047	#5	BUTYL ROPE SEAL, 3/4" X 10'
96	220480	TNT25114H	SCREW, 1/4" X 1-1/4" HEX SLOT TAPCON
96			WASHER, 1/4" BONDED

REV NO.	DESCRIPTION	DATE	DWN BY
 MODULAR CONNECTIONS, LLC All Rights Reserved		1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	DATE: 11/7/23 JOB NO.: MCP1537 - MC5341
TITLE: PICK LISTS AND CUT SCHEDULES		DRAWING NO.: D22246 SCALE: PER DRAWING	DRAWN BY: OS CHECKED BY: WHS SHEET: E 49


PRELIMINARY SUBJECT TO OWNER REVIEW

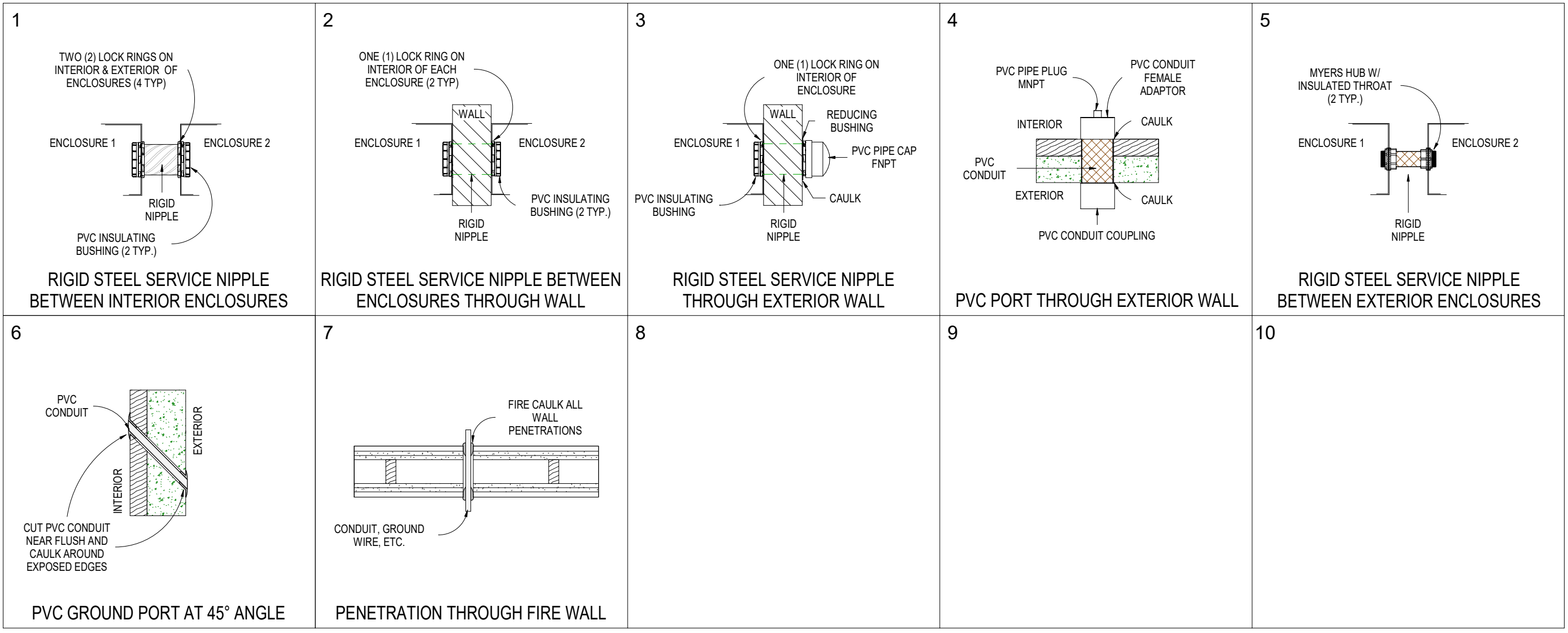
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EQUIPMENT LIST SCH. - ALL

ITEM #	QTY.	PART#	MODEL#	DESCRIPTION
R	4	820066	820066	10-TON LIFTING PLATE HDG
1	1	ES17400	1250XL-A	WATER HAMMER ARRESTOR, 1/2" MNPT
2	2	ES20987	SEAL4-50N/D10	LIGHT, 4' LED 50W WASHDOWN SURFACE MNT 4000K LED 120/277 WHITE
3	1	ES18939	UW-100-24-W	OCCUPANCY SENSOR, 18-24VDC 24VAC SPDT WHITE
4	1	ES3828UH		DOOR, 3070 18GA GALV UH MORTISE PREP CLSER RNFRCD URETHANE CORE PRIME PAINTED CECO VERSADOOR
5	10	ES11166DM	904	DOOR MUTE, RUBBER SILENCER BUMPER PRESS IN FIT
6	1	ES19668	DC610A	DRIP CAP, 40" X 1-1/2" X 2-1/2" W/ .250" MNTNG HOLE FOR 36" W DOOR
7	2	ES3827		DOOR FRAME, 3070 LHR 16GA GALV 4" DEPTH SNGL RBBT MSNRY 4-1/2" SW HINGE (3) 4-7/8" ANSI STRIKE CLSR RNFRCD CECO LCTNS NO ANCHORS WELDED PRIME PAINTED
8	2	ES14426	7100-BC-DSHO-689	DOOR CLOSER, PDQ HEAVY DUTY PARALLEL STOP / THMB TRN HOLD OPEN
9	1	ES3828UHMB		DOOR, 3070 18GA GALV UH MORTISE RNFRCMNT BLANK FACES W/ EDGE CUT OUT CLSER RNFRCD URETHANE CORE PRIME PNTD CECO VERSADOOR
10	1	ES25458	RVF4	FAN, EXHAUST EXTERIOR 124 CFM 4" DUCT EXT MNTD 115V W/ HOOD
11	1	ES18365	MR 260 PJSJ 630/US32D	LOCKSET, MORTISE PDQ MR 260 PJSJ 630/US32D LEFT HAND & SFIC 6 PIN CYLINDER LESS CORE 260 FACULTY RESTROOM W/ DEADBOLT & INDICATOR ***USE LMO PREP DOOR*** OCCUPIED VACANT
12	2	ES20346	26D	LOCKSET, CORE SFIC 7 PIN H KEYWAY BITTED TO A1 OPERATOR & CONTROL ON FILE (7PIN)
13	1	ES11019	MR 136 PFEF 626	LOCKSET, MORTISE PDQ LHR SF7L 7 PIN CYLINDER LESS CORE 136 CORRIDOR ANSI F13
14	1	ES19508		DOOR LOUVER, 12" X 12" NON-VISION INVERTED "Y" 18 GA FRAME 20 GA BLADES GRAY PWDR COAT AIR LOUVERS # 800A1 1212G
15	1	ES21026	H30522T2DWB	HEATER, 2.25 KW 240V WALL MNT SURFACE/RECESSED
16	1	ES21083	3UF66	HEATER, MOUNTING FRAME BROWN 4" DEPTH MARKEL # 305EX32 FOR H30522T2DWB HEATER
17	1	ES3618	QOC24US	LOAD CENTER, COVER QOC24US SQ-D
18	2	ES191	5362I	RECEPTACLE, 20A 120V DPLX IVORY (STD)
19	1	ES17170	6RGG5	GRAB BAR, 18" X 1-1/2" DIA SATIN (SMOOTH) SS CNCLD SNAP ON FLNG JNS STHNS # G13-118 FERG GB18SF2 GRNGR # 6RGG5
20	1	ES22463	54ZU84	SOAP DISPENSER, 40 OZ (1.2L)
21	1	ES16897	M5300-1836	MIRROR, 18" X 36"
22	1	ES6686	TP-2	TOILET PAPER DISPENSER, 2 ROLL STAINLESS HARDENED ROYCE ROLLS TP-2
23	1	ES6686C	TP-CLIP	TOILET PAPER DISPENSER, RETAINING CLIP ROYCE ROLLS
24	1	ES17788	12-314	LAVATORY, CHINA WALL MTD 19"W X 10.5"H X 17"D 4" CENTERS WHITE
25	1	ES16456	#Z6000-WS1-YB-YC	VALVE, FLUSH TOILET 1.6 GPF ADA ZURN W/ SWEAT SOLDER KIT
26	1	ES13834	Z86300-XL	FAUCET, ZURN PUSH BUTTON
27	1	ES9005	4JG66	COAT HOOK, SILVER FINISH WALL MNT
28	1	ES22146	QO124M100P	LOAD CENTER, 100A 120/240 1PH 24P MB QO124M100P SQ-D
29	1	ES15684	8122-001420	GRAB BAR, 42" X 1-1/2" DIA SAFETY GRIP CONCEALED FLNG SS BRADLEY 8122-001420 GRNGR # 33MP46
30	2	ES25230	WGH2-LSCS	LIGHT, 30-70W LED WALLPACK 12/277 4-5000K SWTCHBLE W/PHTCLL DRK BRNZE MEDIUM HBBLL # WGH2-LSCS
31	1	ES19668	DC610A	DRIP CAP, 40" X 1-1/2" X 2-1/2" W/ .250" MNTNG HOLE FOR 36" W DOOR
32	1	ES22189	K-84325-0	TOILET, CHINA WHITE WALL MNT KOHLER K-84325-0 1-1/2" TOP SPUD KINGSTON ULTRA
33	1	ES190	1221I	SWITCH, 20A 120-277V SPST TGGL IVORY
34	1	ES12359	GR100	FAN, GRILLE 4" ROUND PLASTIC ADJSTBL
35	4	ES11710		NIPPLE, 1/2" X 6" RIGID GALV CONDUIT TBE
36	16	ES971	L-100	LOCKNUT, 1/2" CONDUIT STEEL STMPD ZP
37	8	ES196	BU-501	BUSHING, 1/2" PLASTIC INSULATING ABB #
40	1	ES17175	46W155	TOILET, SEAT ENLNGTD BOWL OPN FRNT PLASTIC WHITE CHECK HNGE SELF-SUSTAINING NO LID BEMIS # 1955SSCT GRNGR # 46W155
41	1	ES17169	8122-001360	GRAB BAR, 36" X 1-1/2" DIA SATIN (SMOOTH) SS CNCLD SNAP ON FLNG JNS STHNS # G13-136 FERG GB36SF2 GRNGR # 6RGG7
42	1	ES11629	SP2412	WATER HEATER, TANKLESS 2.4 KW 120VAC EEMAX # SP2412
43	1	ES1179	PK15GTA	GROUND BAR KIT, PK15GTA LOAD CENTER SQ-D
44	1	ES21233	B-102-012	FLOOR DRAIN, 2" INTERGAL TRAP CAST IRON W/ 4-1/2" CHRМ PLATED BRSS STRNR
45	1	ES21309	205F04LF	BOILER DRAIN, 3/4" MPT BRASS LEAD FREE ANGLE SPOUT
46	1	ES25770	58204	PAPER TOWEL, DISPENSER CENTERPULL
47	16	ES20336		WINDOW, GLASS BLOCK 16"H X 32"W FEDERAL CUBIT USING 8" X 8" WECK ESSEX #340 GLASS BLOCK DRW 091517SC.1 R1

PRELIMINARY SUBJECT TO OWNER REVIEW

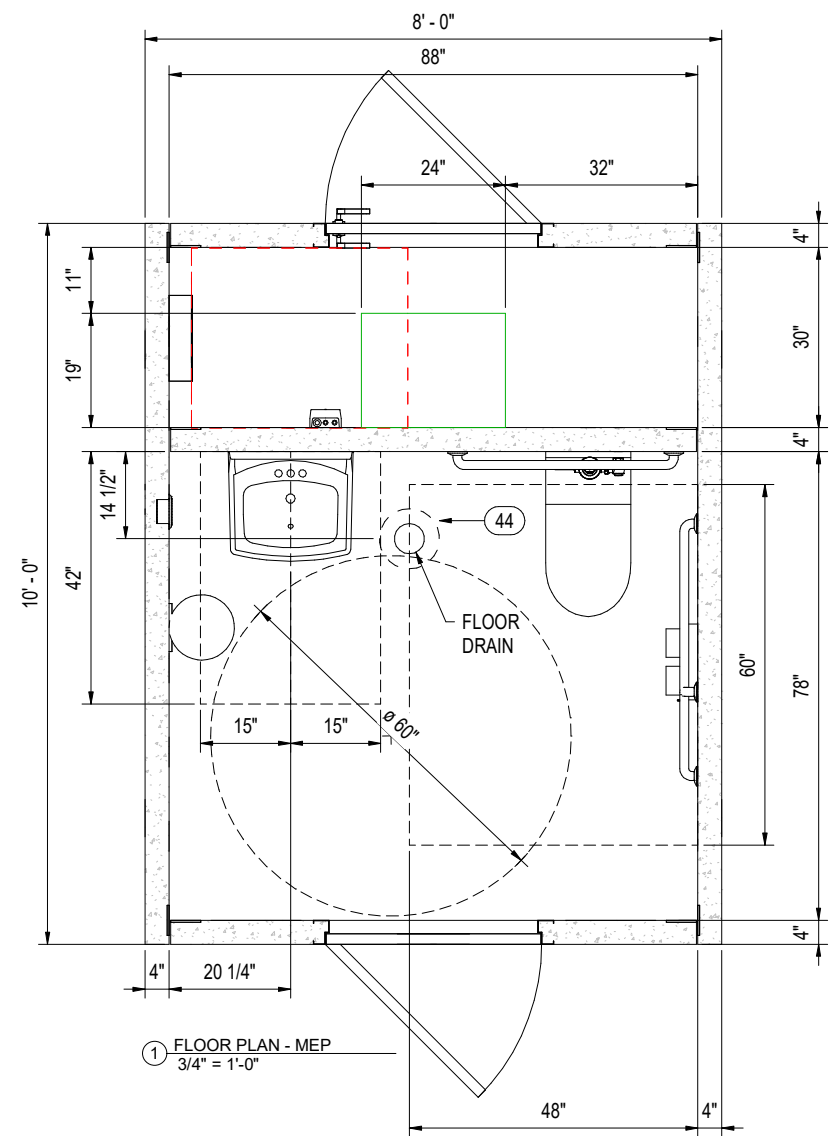
REV NO.	DESCRIPTION	DATE	DWN BY
	 MODULAR CONNECTIONS, LLC 1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	11/7/23	MCP1537 - MC5341
TITLE	10' x 8' x 8'-0" IH EQUIPMENT LIST	DRAWING NO. D22246 SCALE PER DRAWING	DRAWN BY OS CHECKED BY WHS
			SHEET E 50



PRELIMINARY SUBJECT TO OWNER REVIEW

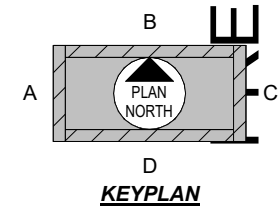
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REV NO.	DESCRIPTION	DATE	DWN BY
		1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	JOB NO. MCP1537 - MC5341
TITLE WALL & ENCLOSURE PENETRATION DETAILS		DATE 11/7/23	DRAWN BY OS
DRAWING NO. D22246		SCALE PER DRAWING	SHEET E 51

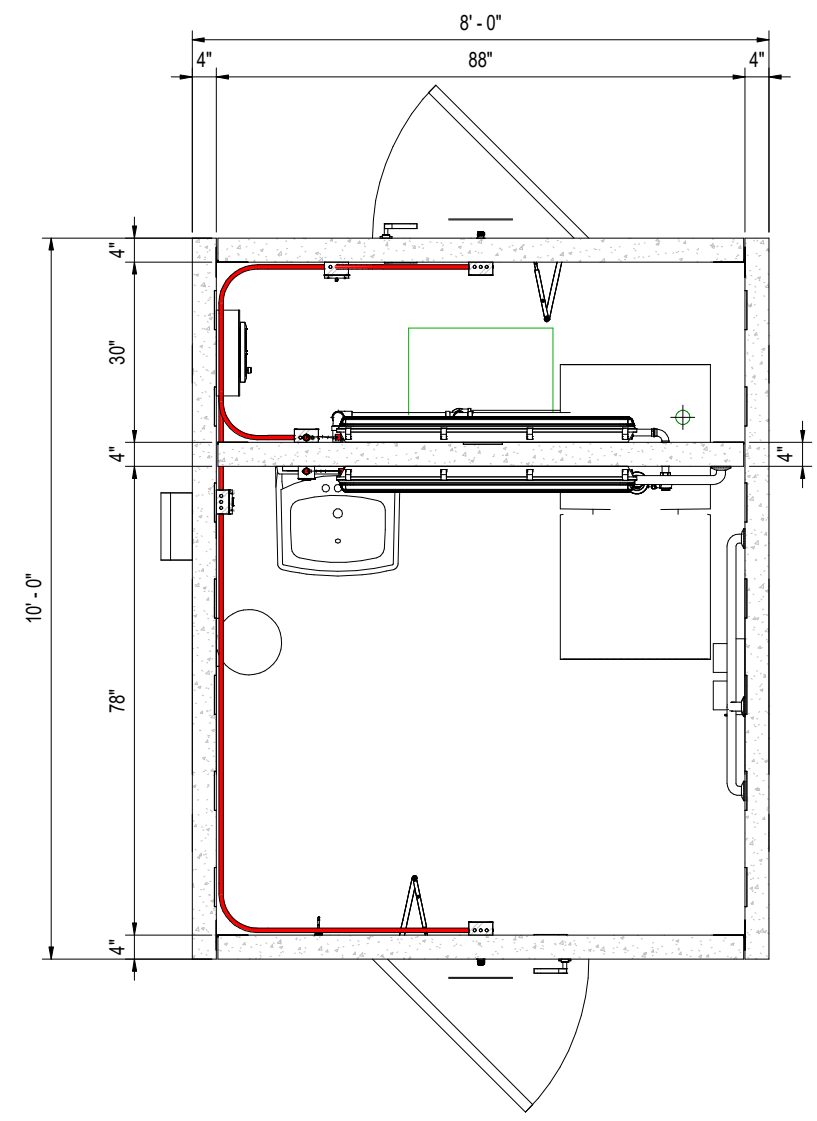


SUBJECT TO OWNER REVIEW

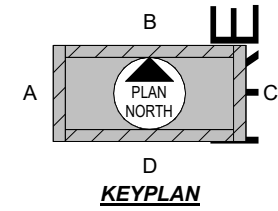
PRELIMINARY



REV NO.	DESCRIPTION	DATE	DATE	DWN BY
		1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	DATE 11/7/23	JOB NO. MCP1537 - MC5341
TITLE FLOOR PLAN (ELECTRICAL)		DRAWING NO. D22246 SCALE PER DRAWING	DRAWN BY OS CHECKED BY WHS	SHEET E 52



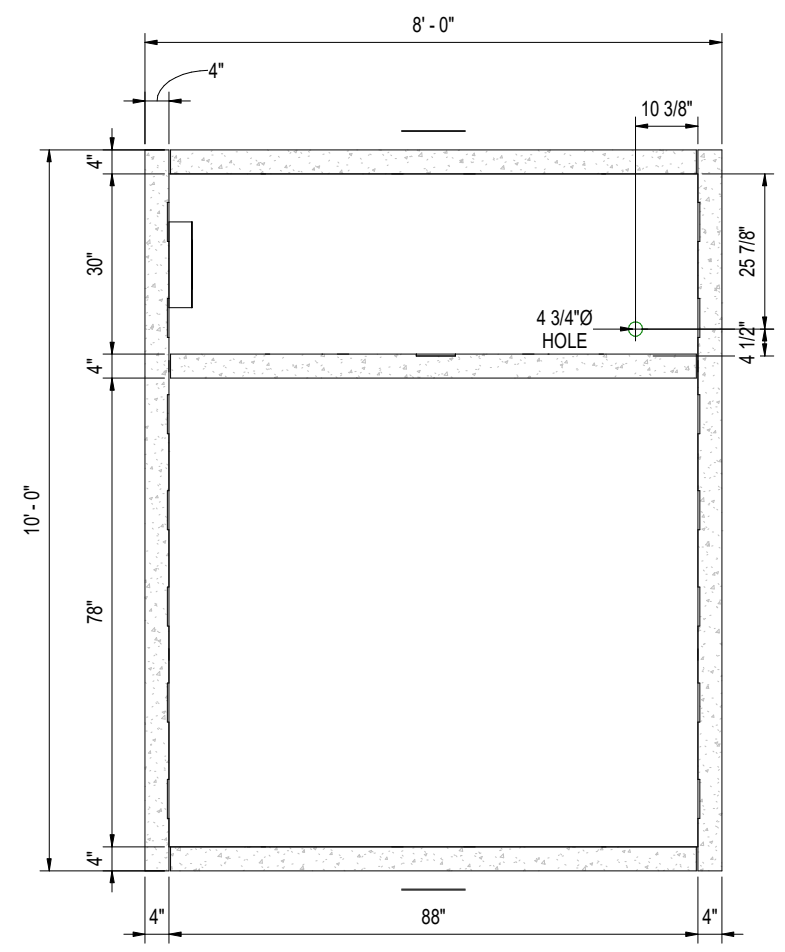
① PLAN VIEW - COORDINATION
3/4" = 1'-0"



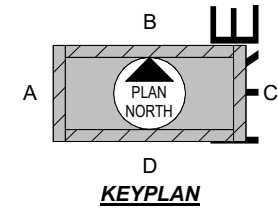
PRELIMINARY SUBJECT TO OWNER REVIEW

REV NO.	DESCRIPTION	DATE	DWN BY
	1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	11/7/23	
MODULAR CONNECTIONS		DRAWING NO. D22246	JOB NO. MCP1537 - MC5341
TITLE 10' x 8' x 8'-0" IH PLAN VIEW (COORDINATION)		SCALE PER DRAWING	DRAWN BY OS CHECKED BY WHS
			SHEET E 53

1/24/2024 8:11:22 AM
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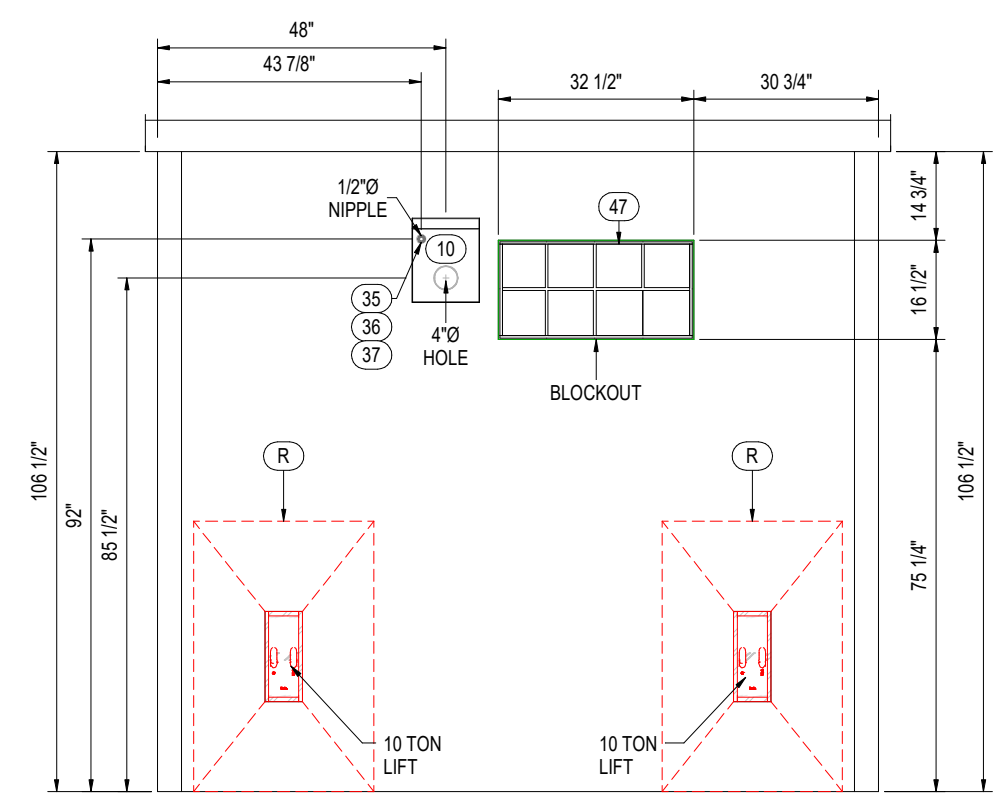


① REFLECTED CEILING (POWER & LIGHTING)
3/4" = 1'-0"



PRELIMINARY SUBJECT TO OWNER REVIEW

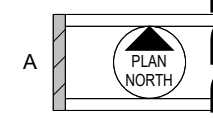
REV NO.	DESCRIPTION	DATE	DATE	DWN BY
MODULAR CONNECTIONS, LLC 1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com		DATE	JOB NO.	
TITLE		DRAWING NO.	CHECKED BY	
- 10' x 8' x 8'-0" IH		D22246	OS	
RCP (POWER & LIGHTING)		SCALE	WHS	
PER DRAWING			E	
			54	



① PANEL A ELEVATION - MEP - EXTERIOR
3/4" = 1'-0"

EQUIPMENT LIST (BY SHEET)

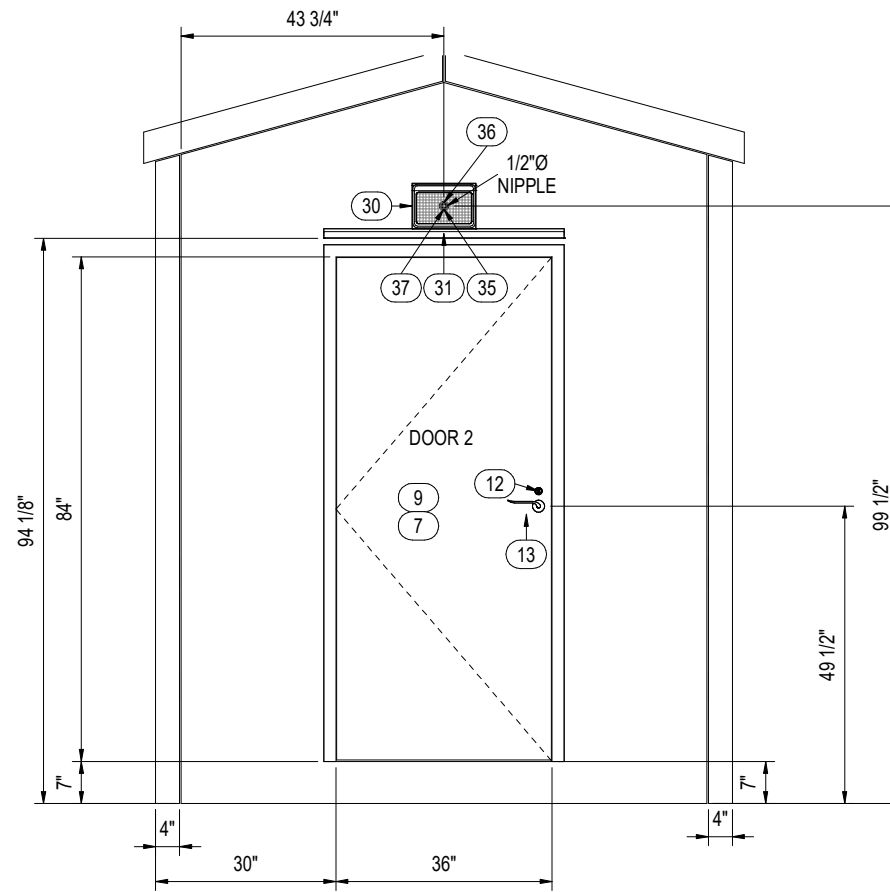
ITEM #	QTY.	PART #	MODEL #	DESCRIPTION
R	2	820066	820066	10-TON LIFTING PLATE HDG
10	1	ES25458	RVF4	FAN, EXHAUST EXTERIOR 124 CFM 4" DUCT EXT MNTD 115V W/ HOOD
35	1	ES11710		NIPPLE, 1/2" X 6" RIGID GALV CONDUIT TBE
36	2	ES971	L-100	LOCKNUT, 1/2" CONDUIT STEEL STMPD ZP
37	1	ES196	BU-501	BUSHING, 1/2" PLASTIC INSULATING ABB #
47	8	ES20336		WINDOW, GLASS BLOCK 16"H X 32"W FEDERAL CUBIT USING 8" X 8" WECK ESSEX #340 GLASS BLOCK DRW 091517SC.1 R1



KEYPLAN

REV NO.	DESCRIPTION	DATE	DWN BY
		1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	DATE 11/7/23
TITLE ENDWALL PANEL A (EXTERIOR)		DRAWING NO. D22246 SCALE PER DRAWING	JOB NO. MCP1537 - MC5341 DRAWN BY OS CHECKED BY WHS
			SHEET E 55

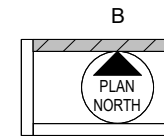
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① PANEL B ELEVATION - MEP - EXTERIOR
3/4" = 1'-0"

EQUIPMENT LIST (BY SHEET)

ITEM #	QTY.	PART #	MODEL #	DESCRIPTION
7	1	ES3827		DOOR FRAME, 3070 LHR 16GA GALV 4" DEPTH SNGL RBBT MSNRY 4-1/2" SW HINGE (3) 4-7/8" ANSI STRIKE CLSR RNFRCD CECO LCTNS NO ANCHORS WELDED PRIME PAINTED
9	1	ES3828UH MB		DOOR, 3070 18GA GALV UH MORTISE RNFRCMNT BLANK FACES W/ EDGE CUT OUT CLSR RNFRCD URETHANE CORE PRIME PNTD CECO VERSADOOR
12	1	ES20346	26D	LOCKSET, CORE SFIC 7 PIN H KEYWAY BITTED TO A1 OPERATOR & CONTROL ON FILE (7PIN)
13	1	ES11019	MR 136 PFEF 626	LOCKSET, MORTISE PDQ LHR SF7L 7 PIN CYLINDER LESS CORE 136 CORRIDOR ANSI F13
30	1	ES25230	WGH2-LSC S	LIGHT, 30-70W LED WALLPACK 12/277 4-5000K SWTCHBLE W/PHTCLL DRK BRNZE MEDIUM HBBLL # WGH2-LSCS
31	1	ES19668	DC610A	DRIP CAP, 40" X 1-1/2" X 2-1/2" W/ .250" MNTNG HOLE FOR 36" W DOOR
35	1	ES11710		NIPPLE, 1/2" X 6" RIGID GALV CONDUIT TBE
36	2	ES971	L-100	LOCKNUT, 1/2" CONDUIT STEEL STMPD ZP
37	1	ES196	BU-501	BUSHING, 1/2" PLASTIC INSULATING ABB #

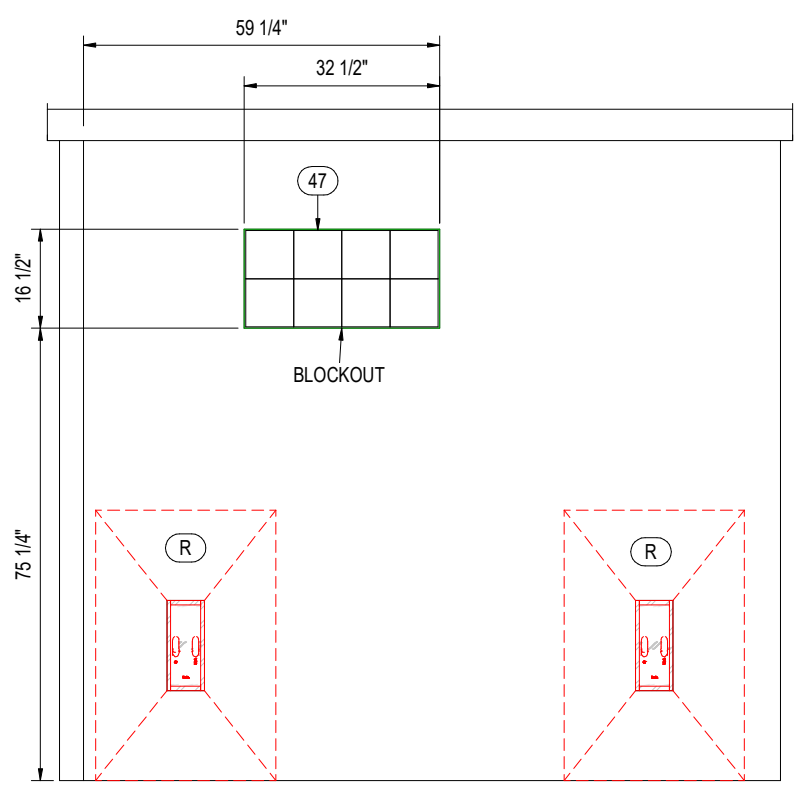


KEYPLAN

REV NO.	DESCRIPTION	DATE	DWN BY
		1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	DATE: 11/7/23 JOB NO.: MCP1537 - MC5341
TITLE: SIDEWALL PANEL B (EXTERIOR)		DRAWING NO.: D22246 SCALE: PER DRAWING	DRAWN BY: OS CHECKED BY: WHS SHEET: E 56

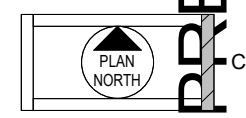
PRELIMINARY SUBJECT TO OWNER REVIEW

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① PANEL C ELEVATION - MEP - EXTERIOR
3/4" = 1'-0"

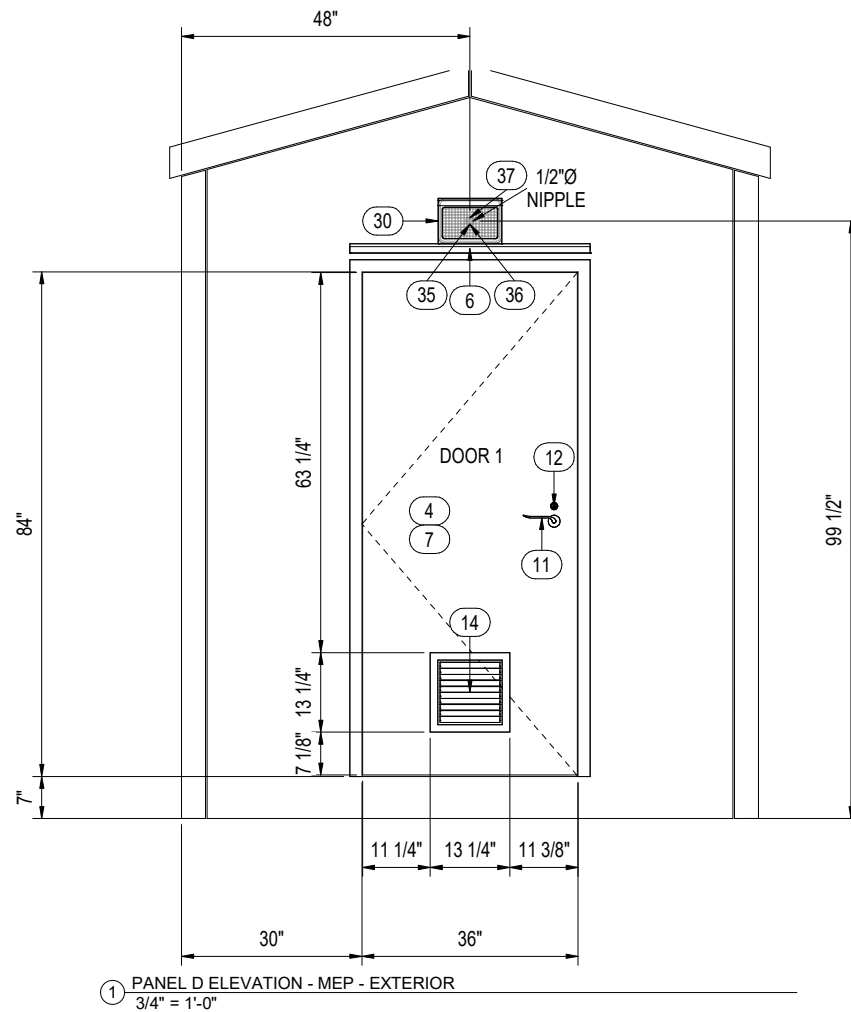
EQUIPMENT LIST (BY SHEET)				
ITEM #	QTY.	PART #	MODEL #	DESCRIPTION
R	2	820066	820066	10-TON LIFTING PLATE HDG
47	8	ES20336		WINDOW, GLASS BLOCK 16"H X 32"W FEDERAL CUBIT USING 8" X 8" WECK ESSEX #340 GLASS BLOCK DRW 091517SC.1 R1



KEYPLAN

REV NO.	DESCRIPTION	DATE	DWN BY
		1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	JOB NO. MCP1537 - MC5341
TITLE ENDWALL PANEL C (EXTERIOR)		DATE 11/7/23	DRAWN BY OS
DRAWING NO. D22246		SCALE PER DRAWING	SHEET E 57

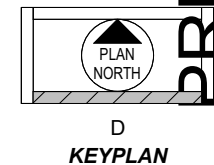
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① PANEL D ELEVATION - MEP - EXTERIOR
3/4" = 1'-0"

EQUIPMENT LIST (BY SHEET)

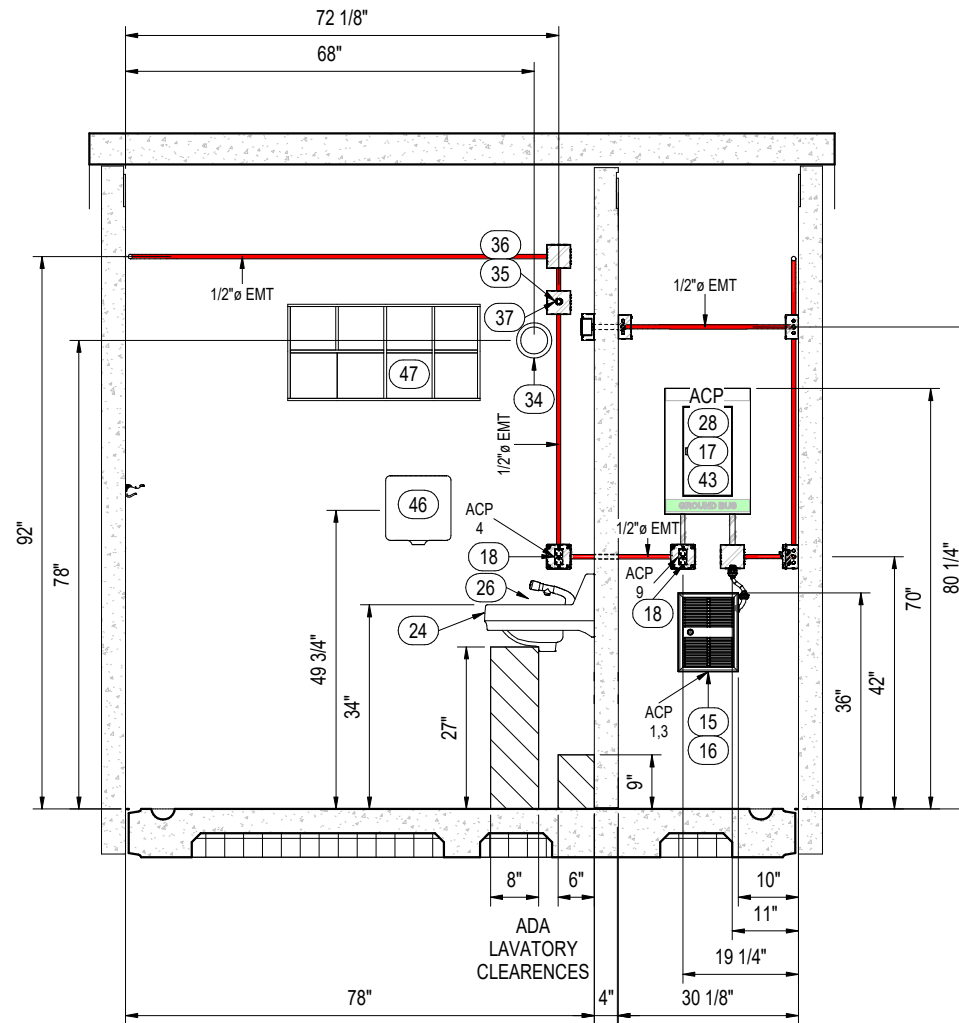
ITEM #	QTY.	PART #	MODEL #	DESCRIPTION
4	1	ES3828UH		DOOR, 3070 18GA GALV UH MORTISE PREP CLSER RNFRCD URETHANE CORE PRIME PAINTED CECO VERSADOOR
6	1	ES19668	DC610A	DRIP CAP, 40" X 1-1/2" X 2-1/2" W/ .250" MNTNG HOLE FOR 36" W DOOR
7	1	ES3827		DOOR FRAME, 3070 LHR 16GA GALV 4" DEPTH SNGL RBBT MSNRY 4-1/2" SW HINGE (3) 4-7/8" ANSI STRIKE CLSR RNFRCD CECO LCTNS NO ANCHORS WELDED PRIME PAINTED
11	1	ES18365	MR 260 PJSJ 630/US32D	LOCKSET, MORTISE PDQ MR 260 PJSJ 630/US32D LEFT HAND & SFIC 6 PIN CYLINDER LESS CORE 260 FACULTY RESTROOM W/ DEADBOLT & INDICATOR ***USE LMO PREP DOOR*** OCCUPIED VACANT
12	1	ES20346	26D	LOCKSET, CORE SFIC 7 PIN H KEYWAY BITTED TO A1 OPERATOR & CONTROL ON FILE (7PIN)
14	1	ES19508		DOOR LOUVER, 12" X 12" NON-VISION INVERTED "Y" 18 GA FRAME 20 GA BLADES GRAY PWDR COAT AIR LOUVERS # 800A1 1212G
30	1	ES25230	WGH2-LSC S	LIGHT, 30-70W LED WALLPACK 12/277 4-5000K SWTCHBLE W/PHTCLL DRK BRNZE MEDIUM HBBLL # WGH2-LSCS
35	1	ES11710		NIPPLE, 1/2" X 6" RIGID GALV CONDUIT TBE
36	2	ES971	L-100	LOCKNUT, 1/2" CONDUIT STEEL STMPD ZP
37	1	ES196	BU-501	BUSHING, 1/2" PLASTIC INSULATING ABB #



REV NO.	DESCRIPTION	DATE	DWN BY
MODULAR CONNECTIONS, LLC 1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com		DATE	JOB NO.
TITLE		DRAWING NO.	CHECKED BY
10' x 8' x 8'-0" IH SIDEWALL PANEL D (EXTERIOR)		D22246	OS
SCALE		PER DRAWING	WHS
			SHEET
			E 58

PRELIMINARY SUBJECT TO OWNER REVIEW

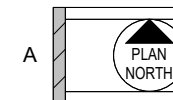
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1 PANEL A - LAYOUT (INTERIOR)
3/4" = 1'-0"

EQUIPMENT LIST (BY SHEET)

ITEM #	QTY.	PART #	MODEL #	DESCRIPTION
3	1	ES18939	UW-100-24-W	OCCUPANCY SENSOR, 18-24VDC 24VAC SPDT WHITE
15	1	ES21026	H30522T2-DWB	HEATER, 2.25 KW 240V WALL MNT SURFACE/RECESSED
16	1	ES21083	3UF66	HEATER, MOUNTING FRAME BROWN 4" DEPTH MARKEL # 305EX32 FOR H30522T2DWB HEATER
17	1	ES3618	QOC24US	LOAD CENTER, COVER QOC24US SQ-D
18	2	ES191	5362I	RECEPTACLE, 20A 120V DPLX IVORY (STD)
24	1	ES17788	12-314	LAVATORY, CHINA WALL MTD 19"W X 10.5"H X 17"D 4" CENTERS WHITE
26	1	ES13834	Z86300-XL	FAUCET, ZURN PUSH BUTTON
27	1	ES9005	4JG66	COAT HOOK, SILVER FINISH WALL MNT
28	1	ES22146	QO124M10-0P	LOAD CENTER, 100A 120/240 1PH 24P MB QO124M100P SQ-D
33	1	ES190	1221I	SWITCH, 20A 120-277V SPST TGGL IVORY
34	1	ES12359	GR100	FAN, GRILLE 4" ROUND PLASTIC ADJUSTBL
35	2	ES11710		NIPPLE, 1/2" X 6" RIGID GALV CONDUIT TBE
36	6	ES971	L-100	LOCKNUT, 1/2" CONDUIT STEEL STMPD ZP
37	3	ES196	BU-501	BUSHING, 1/2" PLASTIC INSULATING ABB #
43	1	ES1179	PK15GTA	GROUND BAR KIT, PK15GTA LOAD CENTER SQ-D
46	1	ES25770	58204	PAPER TOWEL, DISPENSER CENTERPULL
47	8	ES20336		WINDOW, GLASS BLOCK 16"H X 32"W FEDERAL CUBIT USING 8" X 8" WECK ESSEX #340 GLASS BLOCK DRW 091517SC.1 R1

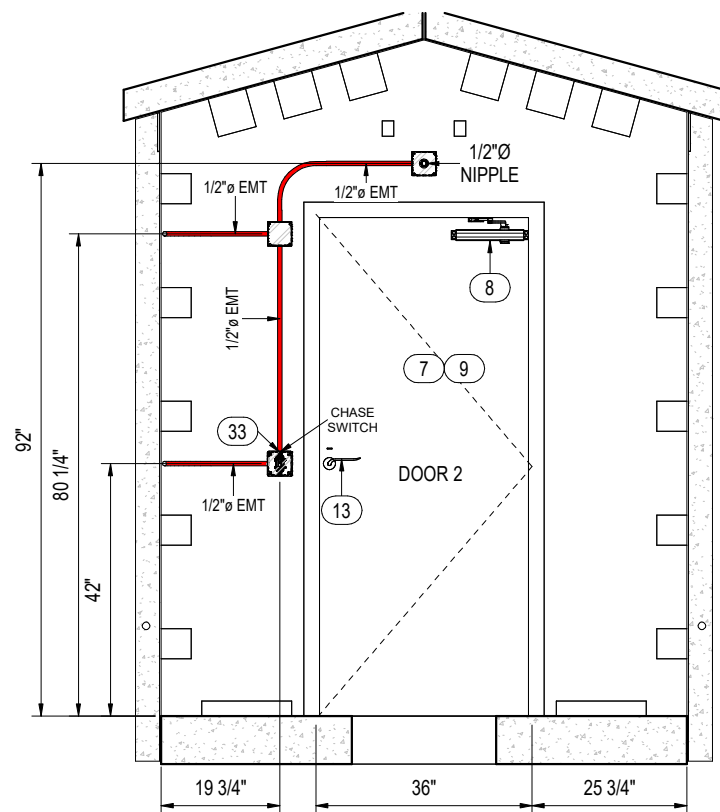


KEYPLAN

REV NO.	DESCRIPTION	DATE	DWN BY
MODULAR CONNECTIONS, LLC 1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com		DATE	JOB NO.
TITLE		11/7/23	MCP1537 - MC5341
- 10' x 8' x 8'-0" IH		DRAWING NO.	DRAWN BY
ENDWALL PANEL A (INTERIOR)		D22246	OS
SCALE		PER DRAWING	CHECKED BY
			WHS
			SHEET
			E 59

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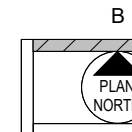
PRELIMINARY SUBJECT TO OWNER REVIEW



1 PANEL B - LAYOUT (INTERIOR)
3/4" = 1'-0"

EQUIPMENT LIST (BY SHEET)

ITEM #	QTY.	PART #	MODEL #	DESCRIPTION
7	1	ES3827		DOOR FRAME, 3070 LHR 16GA GALV 4" DEPTH SNGL RBBT MSNRY 4-1/2" SW HINGE (3) 4-7/8" ANSI STRIKE CLSR RNFRCD CECO LCTNS NO ANCHORS WELDED PRIME PAINTED
8	1	ES14426	7100-BC-D SHO-689	DOOR CLOSER, PDQ HEAVY DUTY PARALLEL STOP / THMB TRN HOLD OPEN
9	1	ES3828UH MB		DOOR, 3070 18GA GALV UH MORTISE RNFRCMNT BLANK FACES W/ EDGE CUT OUT CLSER RNFRCD URETHANE CORE PRIME PNTD CECO VERSADOOR
13	1	ES11019	MR 136 PFEF 626	LOCKSET, MORTISE PDQ LHR SF7L 7 PIN CYLINDER LESS CORE 136 CORRIDOR ANSI F13
33	1	ES190	1221I	SWITCH, 20A 120-277V SPST TGGL IVORY
35	1	ES11710		NIPPLE, 1/2" X 6" RIGID GALV CONDUIT TBE
36	2	ES971	L-100	LOCKNUT, 1/2" CONDUIT STEEL STMPD ZP
37	1	ES196	BU-501	BUSHING, 1/2" PLASTIC INSULATING ABB #

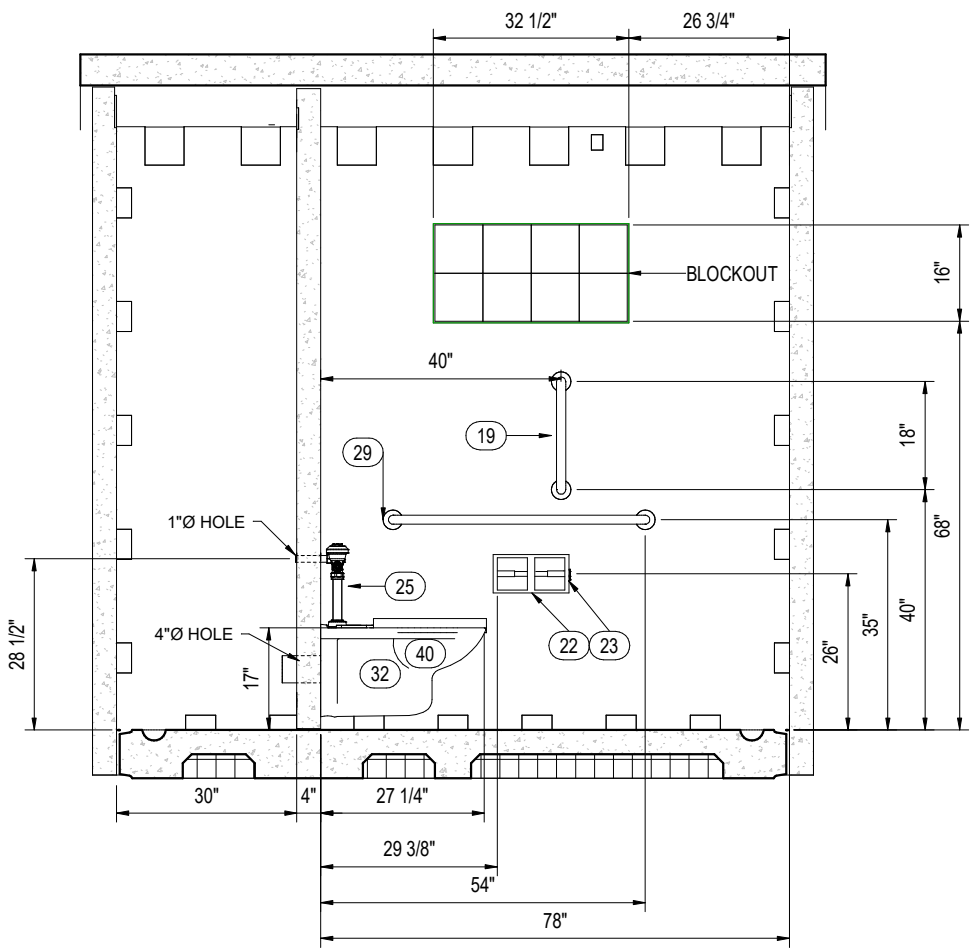


KEYPLAN

REV NO.	DESCRIPTION	DATE	DWN BY
MODULAR CONNECTIONS, LLC 1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com		DATE 11/7/23	JOB NO. MCP1537 - MC5341
TITLE SIDEWALL PANEL B (INTERIOR)		DRAWING NO. D22246	DRAWN BY OS
SCALE PER DRAWING		CHECKED BY WHS	SHEET E 60

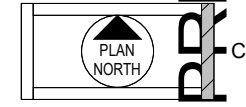
PRELIMINARY SUBJECT TO OWNER REVIEW

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① PANEL C - LAYOUT (INTERIOR)
3/4" = 1'-0"

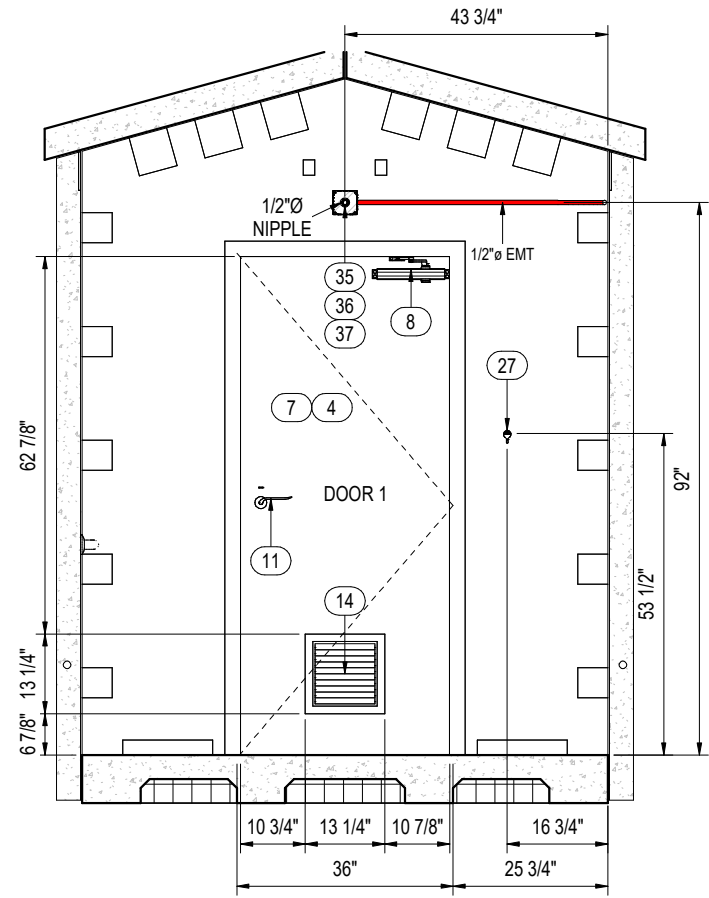
EQUIPMENT LIST (BY SHEET)				
ITEM #	QTY.	PART #	MODEL #	DESCRIPTION
19	1	ES17170	6RGG5	GRAB BAR, 18" X 1-1/2" DIA SATIN (SMOOTH) SS CNCLD SNAP ON FLNG JNS STPHNS # G13-118 FERG GB18SF2 GRNGR # 6RGG5
22	1	ES6686	TP-2	TOILET PAPER DISPENSER, 2 ROLL STAINLESS HARDENED ROYCE ROLLS TP-2
23	1	ES6686C	TP-CLIP	TOILET PAPER DISPENSER, RETAINING CLIP ROYCE ROLLS
25	1	ES16456	#Z6000-W S1-YB-YC	VALVE, FLUSH TOILET 1.6 GPF ADA ZURN W/ SWEAT SOLDER KIT
29	1	ES15684	8122-0014 20	GRAB BAR, 42" X 1-1/2" DIA SAFETY GRIP CONCEALED FLNG SS BRADLEY 8122-001420 GRNGR # 33MP46
32	1	ES22189	K-84325-0	TOILET, CHINA WHITE WALL MNT KOHLER K-84325-0 1-1/2" TOP SPUD KINGSTON ULTRA
40	1	ES17175	46W155	TOILET, SEAT ENLNGTD BOWL OPN FRNT PLASTIC WHITE CHECK HNGE SELF-SUSTAINING NO LID BEMIS # 1955SSCT GRNGR # 46W155
47	8	ES20336		WINDOW, GLASS BLOCK 16"H X 32"W FEDERAL CUBIT USING 8" X 8" WECK ESSEX #340 GLASS BLOCK DRW 091517SC.1 R1



KEYPLAN

REV NO.	DESCRIPTION	DATE	DWN BY
MODULAR CONNECTIONS, LLC 1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com		DATE	JOB NO.
		11/7/23	MCP1537 - MC5341
TITLE		DRAWING NO.	DRAWN BY
ENDWALL PANEL C (INTERIOR)		D22246	OS
		SCALE	CHECKED BY
		PER DRAWING	WHS
			SHEET
			E 61

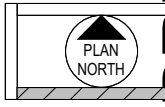
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① PANEL D - LAYOUT (INTERIOR)
3/4\" = 1'-0\"

EQUIPMENT LIST (BY SHEET)

ITEM #	QTY.	PART #	MODEL #	DESCRIPTION
4	1	ES3828UH		DOOR, 3070 18GA GALV UH MORTISE PREP CLSER RNFRCD URETHANE CORE PRIME PAINTED CECO VERSADOOR
7	1	ES3827		DOOR FRAME, 3070 LHR 16GA GALV 4\" DEPTH SNGL RBBT MSNRY 4-1/2\" SW HINGE (3) 4-7/8\" ANSI STRIKE CLSR RNFRCD CECO LCTNS NO ANCHORS WELDED PRIME PAINTED
8	1	ES14426	7100-BC-D SHO-689	DOOR CLOSER, PDQ HEAVY DUTY PARALLEL STOP / THMB TRN HOLD OPEN
11	1	ES18365	MR 260 PJSJ 630/US32D	LOCKSET, MORTISE PDQ MR 260 PJSJ 630/US32D LEFT HAND & SFIC 6 PIN CYLINDER LESS CORE 260 FACULTY RESTROOM W/ DEADBOLT & INDICATOR ***USE LMO PREP DOOR*** OCCUPIED VACANT
14	1	ES19508		DOOR LOUVER, 12\" X 12\" NON-VISION INVERTED \"Y\" 18 GA FRAME 20 GA BLADES GRAY PWDR COAT AIR LOUVERS # 800A1 1212G
27	1	ES9005	4JG66	COAT HOOK, SILVER FINISH WALL MNT
29	1	ES15684	8122-0014 20	GRAB BAR, 42\" X 1-1/2\" DIA SAFETY GRIP CONCEALED FLNG SS BRADLEY 8122-001420 GRNGR # 33MP46
35	1	ES11710		NIPPLE, 1/2\" X 6\" RIGID GALV CONDUIT TBE
36	2	ES971	L-100	LOCKNUT, 1/2\" CONDUIT STEEL STMPD ZP
37	1	ES196	BU-501	BUSHING, 1/2\" PLASTIC INSULATING ABB #

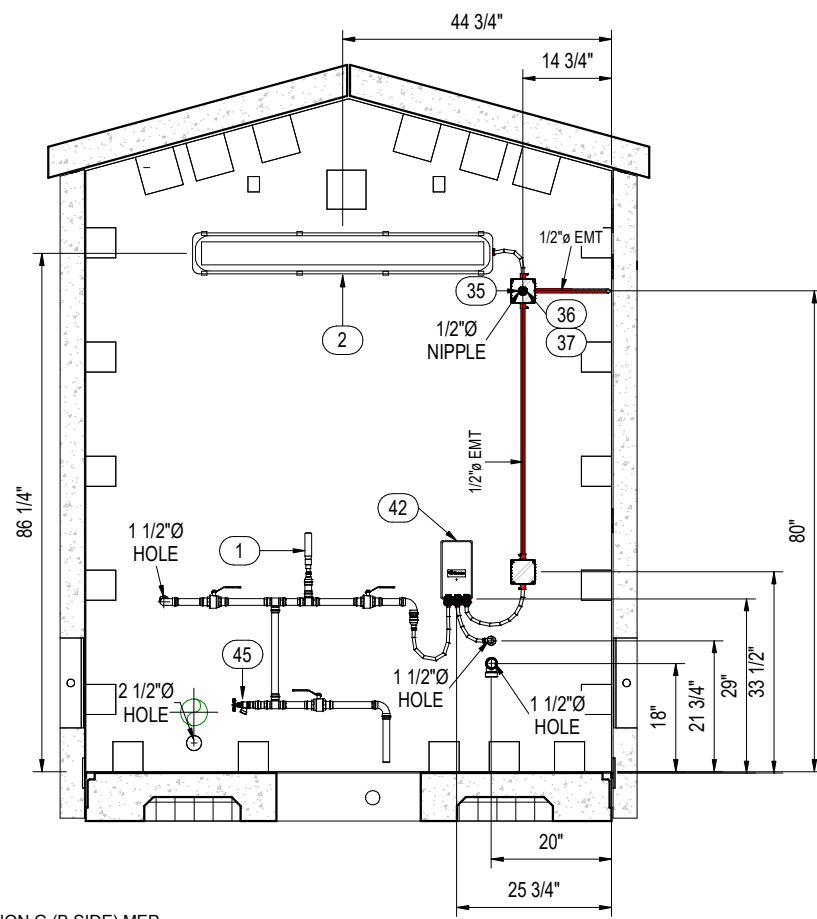


D
KEYPLAN

REV NO.	DESCRIPTION	DATE	DWN BY
		1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	DATE: 11/7/23 JOB NO.: MCP1537 - MC5341
TITLE: SIDEWALL PANEL D (INTERIOR)		DRAWING NO.: D22246 SCALE: PER DRAWING	DRAWN BY: OS CHECKED BY: WHS SHEET: E 62

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PRELIMINARY SUBJECT TO OWNER REVIEW



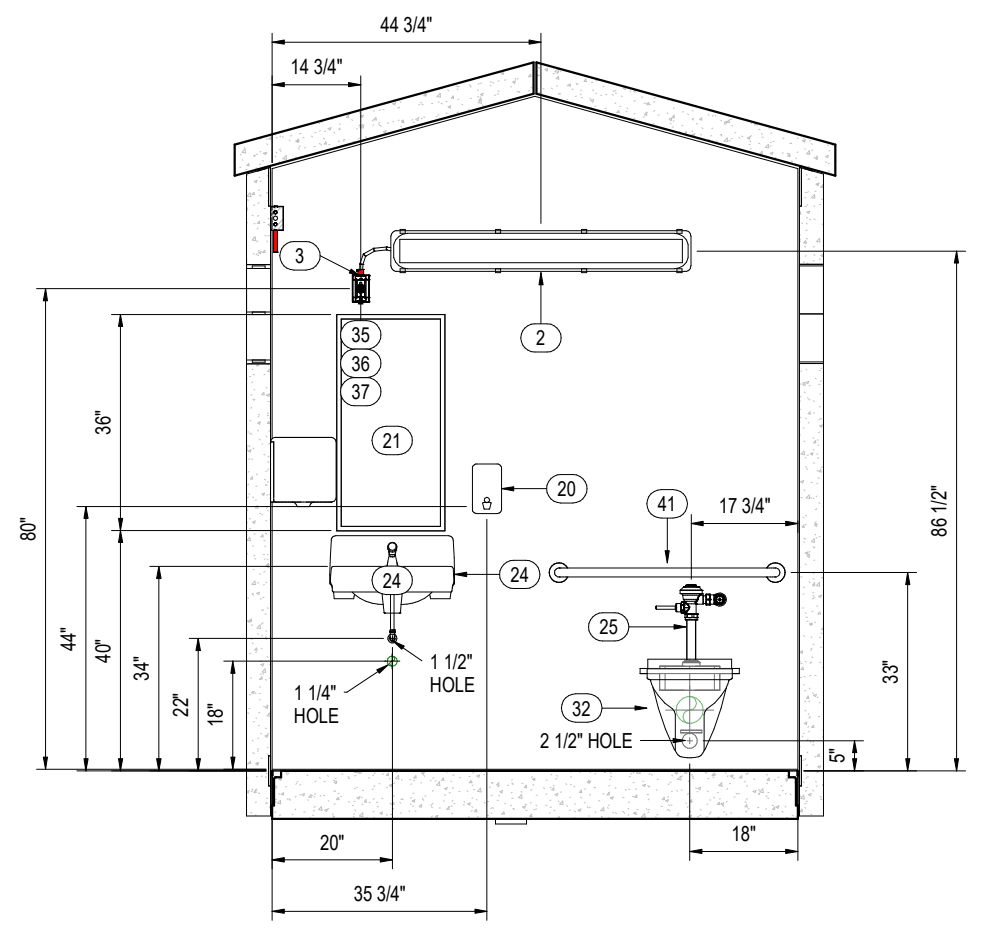
① PARTITION G (B SIDE) MEP
3/4" = 1'-0"

EQUIPMENT LIST (BY SHEET)

ITEM #	QTY.	PART #	MODEL #	DESCRIPTION
1	1	ES17400	1250XL-A	WATER HAMMER ARRESTOR, 1/2" MNPT
2	2	ES20987	SEAL4-50N /D10	LIGHT, 4' LED 50W WASHDOWN SURFACE MNT 4000K LED 120/277 WHITE
25	1	ES16456	#Z6000-W S1-YB-YC	VALVE, FLUSH TOILET 1.6 GPF ADA ZURN W/ SWEAT SOLDER KIT
26	1	ES13834	Z86300-XL	FAUCET, ZURN PUSH BUTTON
32	1	ES22189	K-84325-0	TOILET, CHINA WHITE WALL MNT KOHLER K-84325-0 1-1/2" TOP SPUD KINGSTON ULTRA
35	1	ES11710		NIPPLE, 1/2" X 6" RIGID GALV CONDUIT TBE
36	4	ES971	L-100	LOCKNUT, 1/2" CONDUIT STEEL STMPD ZP
37	2	ES196	BU-501	BUSHING, 1/2" PLASTIC INSULATING ABB #
40	1	ES17175	46W155	TOILET, SEAT ENLNGTD BOWL OPN FRNT PLASTIC WHITE CHECK HNGE SELF-SUSTAINING NO LID BEMIS # 1955SSCT GRNGR # 46W155
42	1	ES11629	SP2412	WATER HEATER, TANKLESS 2.4 KW 120VAC EEMAX # SP2412
45	1	ES21309	205F04LF	BOILER DRAIN, 3/4" MPT BRASS LEAD FREE ANGLE SPOUT

REV NO.	DESCRIPTION	DATE	DWN BY
		1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	JOB NO. MCP1537 - MC5341
TITLE PARTITION G (B SIDE)		DATE 11/7/23	DRAWN BY OS
DRAWING NO. D22246		SCALE PER DRAWING	SHEET E 63

1/24/2024 8:11:32 AM C:\Revit\MCS341_CENTL_S_v06.02_osullivanMTE5W.rvt



① PARTITION G (D SIDE) MEP
3/4" = 1'-0"

EQUIPMENT LIST (BY SHEET)

ITEM #	QTY.	PART #	MODEL #	DESCRIPTION
2	2	ES20987	SEAL4-50N /D10	LIGHT, 4' LED 50W WASHDOWN SURFACE MNT 4000K LED 120/277 WHITE
3	1	ES18939	UW-100-24 -W	OCCUPANCY SENSOR, 18-24VDC 24VAC SPDT WHITE
20	1	ES22463	54ZU84	SOAP DISPENSER, 40 OZ (1.2L)
21	1	ES16897	M5300-183 6	MIRROR, 18" X 36"
24	1	ES17788	12-314	LAVATORY, CHINA WALL MTD 19"W X 10.5"H X 17"D 4" CENTERS WHITE
25	1	ES16456	#Z6000-W S1-YB-YC	VALVE, FLUSH TOILET 1.6 GPF ADA ZURN W/ SWEAT SOLDER KIT
26	1	ES13834	Z86300-XL	FAUCET, ZURN PUSH BUTTON
32	1	ES22189	K-84325-0	TOILET, CHINA WHITE WALL MNT KOHLER K-84325-0 1-1/2" TOP SPUD KINGSTON ULTRA
35	1	ES11710		NIPPLE, 1/2" X 6" RIGID GALV CONDUIT TBE
36	2	ES971	L-100	LOCKNUT, 1/2" CONDUIT STEEL STMPD ZP
37	1	ES196	BU-501	BUSHING, 1/2" PLASTIC INSULATING ABB #
40	1	ES17175	46W155	TOILET, SEAT ENLNGTD BOWL OPN FRNT PLASTIC WHITE CHECK HNGE SELF-SUSTAINING NO LID BEMIS # 1955SSCT GRNGR # 46W155
41	1	ES17169	8122-0013 60	GRAB BAR, 36" X 1-1/2" DIA SATIN (SMOOTH) SS CNCLD SNAP ON FLNG JNS STPHNS # G13-136 FERG GB36SF2 GRNGR # 6RGG7
44	1	ES21233	B-102-012	FLOOR DRAIN, 2" INTERGAL TRAP CAST IRON W/ 4-1/2" CHR M PLATED BRSS STRNR
46	1	ES25770	58204	PAPER TOWEL, DISPENSER CENTERPULL
47	4	ES20336		WINDOW, GLASS BLOCK 16"H X 32"W FEDERAL CUBIT USING 8" X 8" WECK ESSEX #340 GLASS BLOCK DRW 091517SC.1 R1

REV NO.	DESCRIPTION	DATE	DWN BY
		1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	JOB NO. MCP1537 - MC5341
TITLE PARTITION G (D SIDE)		DATE 11/7/23	DRAWN BY OS
DRAWING NO. D22246		SCALE PER DRAWING	SHEET E 64

1/24/2024 8:11:33 AM C:\Revit\MCS41_CNTRL_S_v06.02_osullivan\MTE5W.rvt

PRELIMINARY SUBJECT TO OWNER REVIEW

Branch Panel: ACP	Brand: SQ-D	Panel Breaker Type:	Feed-Thru Lug Kit # N/A
Location:	Volts: 120/240 Vac	A.I.C. Rating: 10kA	Sub-Feed Lug Kit # N/A
Supply From:	Phases: 1	Mains Type: MCB	Neutral Kit #
Mounting: Surface	Wires: 3	Mains Rating: 100 A	Ground Kit # PK15GTA
Enclosure NEMA Rating: Type 1	Feed:	MCB Rating: 100 A	Main Breaker Kit #
			Model # QO124M100P
			Enclosure #
			Cover # QOC24US
			Main Breaker # QO

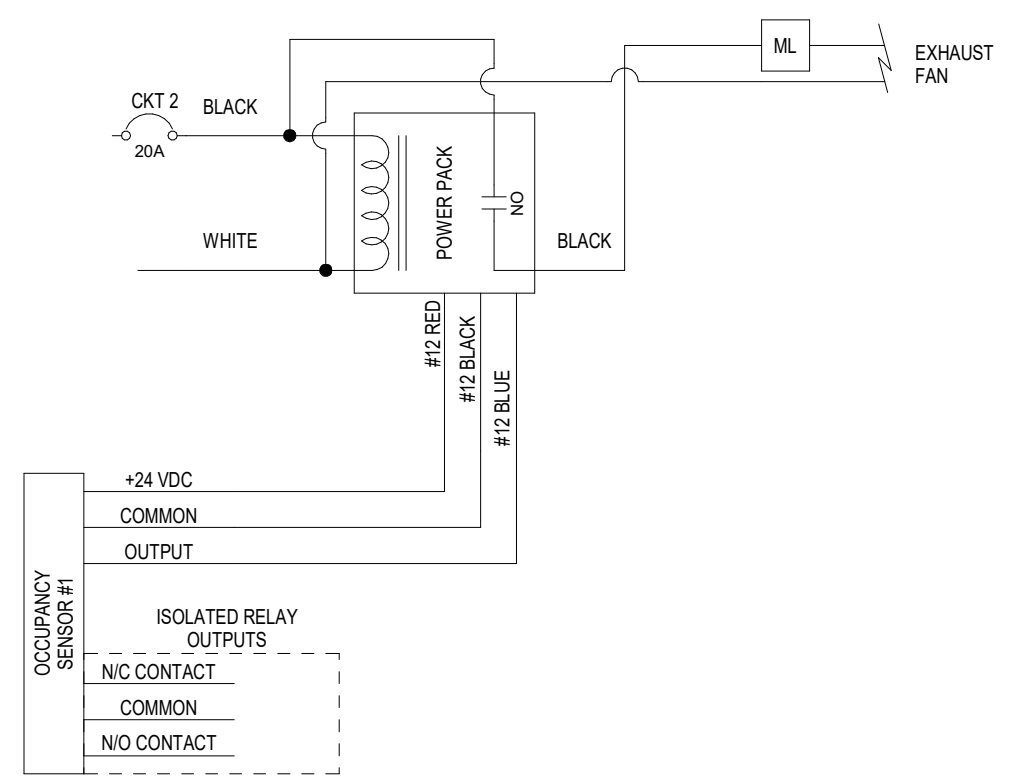
Notes:
 1) CIRCUITS SHOWN WITHOUT A WIRE TYPE AND WIRE SIZE ARE SPARE BREAKERS RESERVED AS PER THE OWNER'S REQUEST. THESE CIRCUITS ARE TO BE DESIGNED AND INSTALLED BY OTHERS IN ACCORDANCE WITH ALL APPLICABLE CODES AND SUBJECT TO AUTHORITIES HAVING JURISDICTION.

CKT	Circuit Description	Trip	Poles	Wire Type	Wire Size	AØ		BØ		Wire Size	Wire Type	Poles	Trip	Circuit Description	CKT
1	HEATER	20 A	2	THHN	2-#12, 1-#12	1128 VA	53 VA			1-#12, 1-#12, 1-#12	THHN	1	20 A	RESTROOM LIGHTING/EXH FAN	2
3		--	--	--	--			1128 VA	180 VA	1-#12, 1-#12, 1-#12	THHN	1	20 A	RESTROOM RECEPTACLES GRP 4	4
5	SPARE	20 A	1	--	--	0 VA	0 VA			--	--	1	20 A	SPARE	6
7	CHASE LIGHTING	20 A	1	THHN	1-#12, 1-#12, 1-#12			53 VA	2400 VA	1-#10, 1-#10, 1-#10	THHN	1	30 A	WATER HEATER	8
9	CHASE RECEPTACLES GRP 9	20 A	1	THHN	1-#12, 1-#12, 1-#12	180 VA	0 VA			--	--	1	20 A	SPARE	10
11	BLANK	--	1	--	--			--	0 VA	--	--	1	20 A	SPARE	12
13	BLANK	--	1	--	--					--	--	1	--	BLANK	14
15	BLANK	--	1	--	--					--	--	1	--	BLANK	16
17	BLANK	--	1	--	--					--	--	1	--	BLANK	18
19	BLANK	--	1	--	--					--	--	1	--	BLANK	20
21	BLANK	--	1	--	--					--	--	1	--	BLANK	22
23	BLANK	--	1	--	--					--	--	1	--	BLANK	24
Total Load:						1361 VA		3761 VA							
Total Amps:						11 A		31 A							

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	106 VA	125.00%	132 VA	
Other	4656 VA	100.00%	4656 VA	Total Conn. Load: 5122 VA
Receptacles	360 VA	100.00%	360 VA	Total Est. Demand: 5148 VA
				Total Conn. Current: 21 A
				Total Est. Demand Current: 21 A

1/24/2024 8:11:34 AM C:\Revit\MCS341_CENTL_S_v06.02_usullivan\M7E5W.rvt

REV NO.	DESCRIPTION	DATE	DWN BY
	1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com	11/7/23	
TITLE		DRAWING NO.	JOB NO.
ACP-1 PANEL SCHEDULE		D22246	MCP1537 - MC5341
SCALE		CHECKED BY	SHEET
PER DRAWING		WHS	E 65



① WIRING DIAGRAM - ELECTRICAL EQUIPMENT
3/4" = 1'-0"

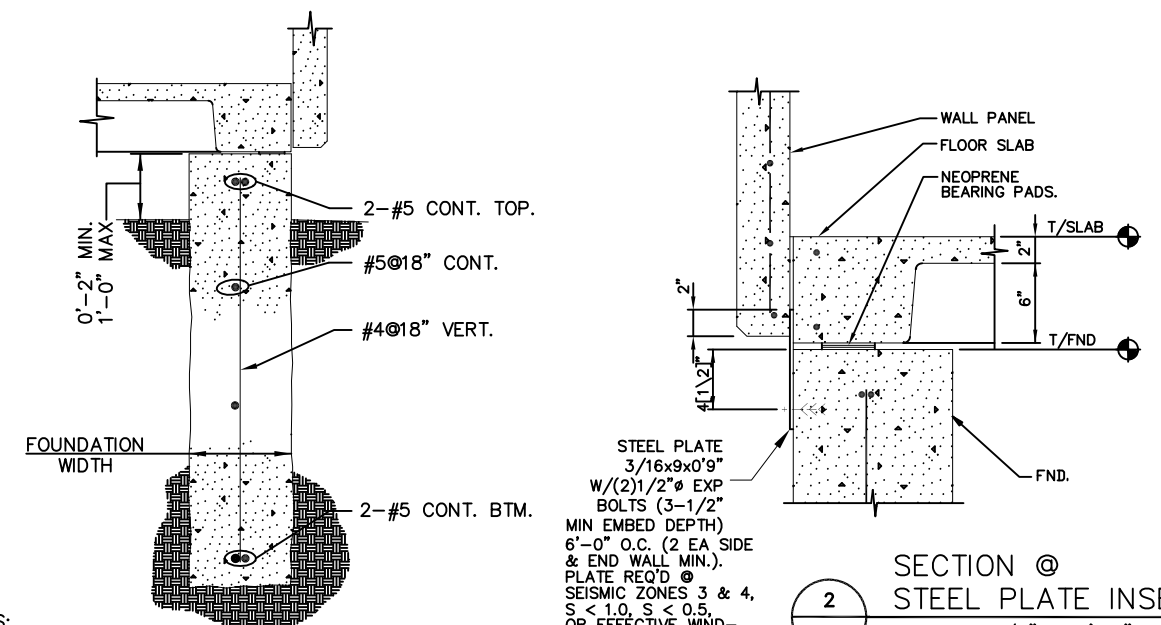
REV NO.	DESCRIPTION	DATE	DWN BY
MODULAR CONNECTIONS, LLC All Rights Reserved 1090 Industrial Blvd. Bessemer, AL 35022 Ph# 205-980-4565 F# 877-675-5551 Email: info@modularconnections.com		DATE	JOB NO.
TITLE		11/7/23	MCP1537 - MC5341
- 10' x 8' x 8'-0" IH		DRAWING NO.	DRAWN BY
WIRING DIAGRAM(S)		D22246	OS
SCALE		CHECKED BY	WHS
PER DRAWING			
			SHEET
			E 66

PRELIMINARY SUBJECT TO OWNER REVIEW

FOUNDATION GENERAL NOTES

Item 6.

1. WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES, SAFETY REGULATIONS, AND UNLESS OTHERWISE NOTED, THE LATEST REVISION OF ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.
2. CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE STATE REQUIREMENTS FOR EXPOSED STRUCTURAL CONCRETE.
3. PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR RESISTANCE TO LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENTS OF ACI 318 CHAPTER 4 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE. AS A MINIMUM, CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.
4. MAXIMUM SIZE OF CONCRETE AGGREGATE SHALL NOT EXCEED 1 INCH; SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED; OR ONE-THIRD CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING.
5. REINFORCEMENT SHALL BE DEFORMED AND CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED.
6. WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.
7. MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.
8. CONCRETE COVER FROM TOP OF FOUNDATION TO ENDS OF VERTICAL REINFORCEMENT SHALL NOT EXCEED 3 INCHES NOR BE LESS THAN 2 INCHES.
9. ALL HORIZONTAL BARS IN WALLS & BEAM EDGES SHALL BE BENT AT CORNERS IN SUCH A WAY THAT CONTINUITY IS PROVIDED THROUGH THE JOINT. SEPARATE CORNER BARS OF THE SAME SIZE AND SPACING AS THE HORIZONTAL REINFORCING MAY BE SUBSTITUTED FOR THE BENT PORTION OF THE CONTINUOUS BARS.
10. FOUNDATION DESIGN ASSUMES STRUCTURAL BACKFILL TO BE COMPACTED IN 8 INCH MAXIMUM LAYERS TO 95% OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D698. ADDITIONALLY, STRUCTURAL BACKFILL MUST HAVE A MINIMUM COMPACTED UNIT WEIGHT OF 100 POUNDS PER CUBIC FOOT.
11. FOUNDATION INSTALLATIONS SHALL BE SUPERVISED BY PERSONNEL KNOWLEDGEABLE AND EXPERIENCED WITH THE PROPOSED FOUNDATION TYPE. CONSTRUCTION SHALL BE IN ACCORDANCE WITH GENERALLY ACCEPTED INSTALLATION PRACTICES.
12. FOUNDATION DESIGN ASSUMES FIELD INSPECTIONS WILL BE PERFORMED TO VERIFY THAT CONSTRUCTION MATERIALS, INSTALLATION METHODS AND ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED ON CONDITIONS EXISTING AT THE SITE.
13. LOOSE MATERIAL SHALL BE REMOVED FROM BOTTOM OF EXCAVATION PRIOR TO CONCRETE PLACEMENT.
14. CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS, INFILTRATION OF WATER OR SOIL AND OTHER OCCURRENCES WHICH MAY DECREASE THE STRENGTH OR DURABILITY OF FOUNDATION.
15. CONCRETE SHALL BE PLACED AGAINST UNDISTURBED SOIL. WHEN FORMS ARE NECESSARY, THEY SHALL BE REMOVED PRIOR TO PLACING STRUCTURAL BACKFILL.
16. FOUNDATION DESIGN ASSUMES CONTINUOUS CONCRETE PLACEMENT WITHOUT CONSTRUCTION JOINTS.

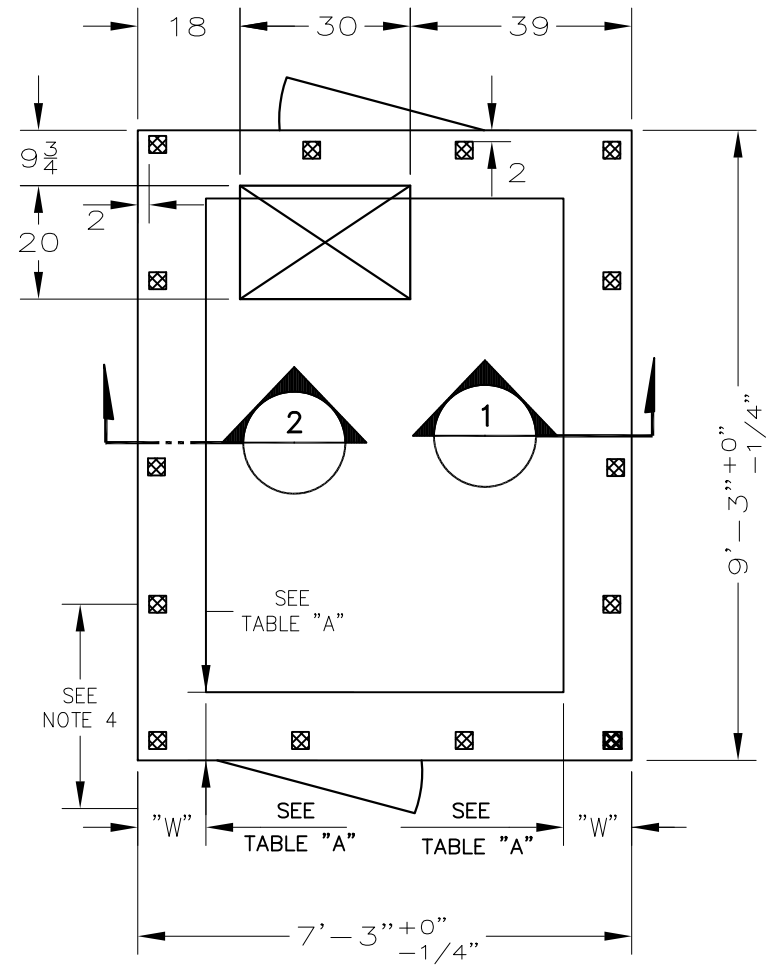


SECTION @ STEEL PLATE INSERT
SCALE: 1 1/2" = 1'-0"

- NOTES:
1. BOTTOM OF FOUNDATION MUST BE BELOW FROST LINE AND BEAR ON UNDISTURBED SOIL.
 2. FORM SURFACE EXPOSED TO VIEW ONLY.

SECTION 1
SCALE: NA

- NOTES:
1. PERIMETER BEAM DEPTH SHALL BE BELOW FROST LEVEL (1'-6" MIN. DEPTH BELOW GRADE).
 2. TOP OF FOUNDATION WALL ELEVATION TOLERANCE 1/4" IN 10'-0" & 1/2" MAX OVERALL
 3. PROVIDE 12 MIL VAPOR BARRIER WITH TAPED & 6" LAPPED JOINTS BETWEEN SUBGRADE & SHELTER SLAB ON GRADE.
 4. SHIM W/ 3x3 NEOPRENE BEARING PADS TO ATTAIN SAME ELEVATION WITHIN 1/16" (±) LOCATE @ 3'-0" O.C. (MAX.) FOR MAX. FLOOR LIVE LOAD ≤ 200 PSF. LOCATE @ 2'-6" O.C. (MAX.) FOR MAX. FLOOR LIVE LOAD ≤ 300 PSF.



PERIMETER BEAM

TABLE A	
MAXIMUM FLOOR LIVE LOAD	MINIMUM FOUNDATION WIDTH "W"
≤ 140 PSF	12"
≤ 200 PSF	14"
≤ 300 PSF	16"

- NOTES:
1. FOUNDATION WIDTH IS BASED ON 2500 PSF ALLOWABLE BEARING PRESSURE.

REV NO.	DESCRIPTION	DATE	DWN BY
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MODULAR CONNECTIONS, LLC 1090 Industrial Blvd Bessemer, AL 35022 Phone: 205-980-4565 Fax: 877-675-5851		DRAWN BY CLP	DATE 5-6-09
TITLE FOUNDATION PLAN AND DETAILS BUILDING SIZE 8' X 10'		SCALE NA	PROJ MGR CLP
DRAWING NO. DWG14132FND R0			67

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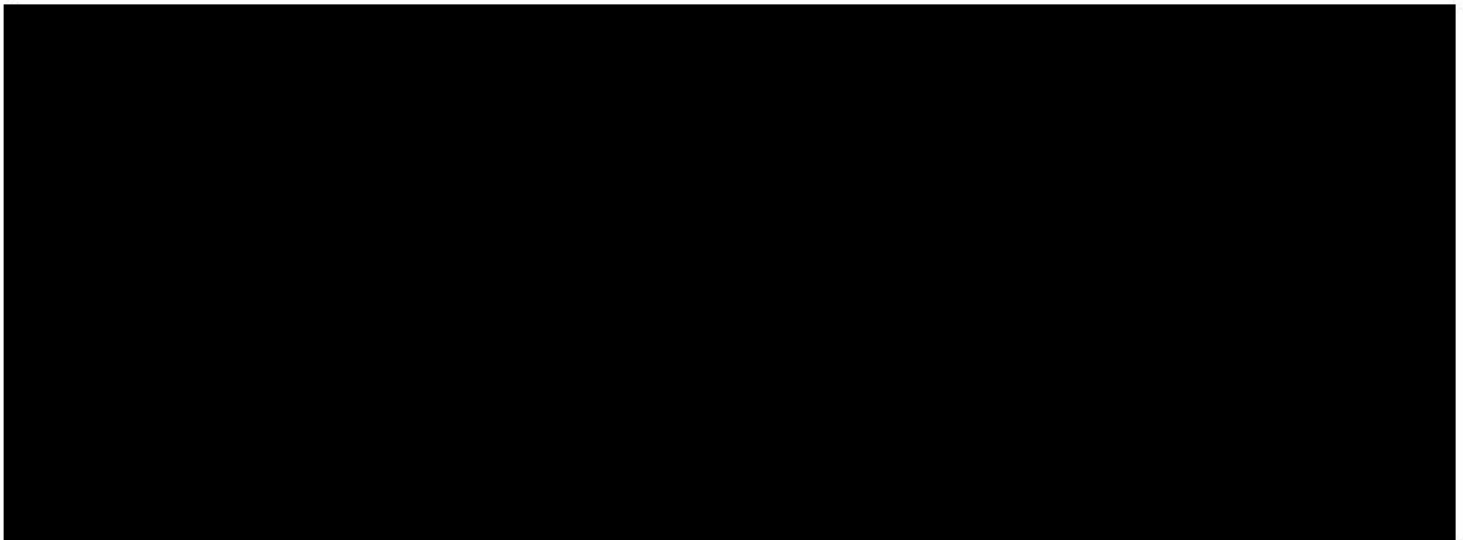
City Secretary

From: Cody Abney - [REDACTED]
Sent: Tuesday, February 13, 2024 9:23 AM
To: City Secretary; Manager
Subject: FW: Woodcreek City Park - Public Restroom Company
Attachments: PRC Product Catalog.pdf; MARTA Atlanta GA.pdf; 11591 UNC FINLEY GOLF COURSE Chapel Hill NC.pdf; 11479 TOWN HALL PARK Farragut TN.pdf; TOWN HALL PARK Farragut TN.jpg; BuyBoard Flyer_Contract 679-22_2023.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Please see ROM price and documents for Public Restroom Company. I'm going to send these quotes to you in case you want an exhibit.

I have not had time to assemble them.



From: [REDACTED]
Sent: Wednesday, January 31, 2024 2:10 PM
To: Cody Abney [REDACTED]
Subject: Woodcreek City Park - Public Restroom Company

Good afternoon Cody,

Appreciate you reaching out about your project. The PS-011 has a rough turnkey cost of \$135-\$195k depending on the desired level of customization. This price includes all design, stamped engineered and stamped state approved plans, delivery, installation, and warranties which is a 5-year component and 20-year structural.

Attached are several preliminary drawings and an installation day site photo from projects that we've worked on recently using the PS-011 & 111 layouts. I've included our BuyBoard contract info as this is the typical method of procurement in Texas. Our typical scope of work and exterior options are also attached.

I'd be happy to set up a call to discuss in more detail. I'm very flexible so please let me know what works for you.

Item 6.

Thanks!

Mike Earle | Regional Sales Manager

GENERAL SPECIFICATIONS FOR PRECAST CONCRETE RESTROOMS

1. Scope

This specification addresses the materials for the fabrication of a transportable, prefabricated concrete restroom structure.

2. General

Restroom areas will meet the design criteria to satisfy the standards of public accommodation established by the Americans with Disabilities Act of 1990 and its subsequent revisions. The concrete wall panels will be engineered and manufactured to withstand the penetration of a 30/06 rifle projectile fired at distance of 15' (per UL 752 standards). The structure will be a two-hour fire rated concrete structure (per UBC). Design and manufacturing of the structure module(s) shall conform to the requirements of ACI 318-89 and its subsequent revisions.

Individual structure modules will be composed of single piece, steel reinforced concrete wall and floor panels. Roof panels will be a cast low slope 4" thick single panel, two 4" thick panels for gable profiles or a single flat panel to accept a site constructed secondary roof system. The finished floor to finished ceiling interior height will be no less than 8'-0" at the eaves for any roof profile. Completed structures may consist of more than one concrete module. Interior layouts to be customized to suit purchaser needs but all layouts will include a man accessible service/chase area constructed of either concrete or wood framed partition walls. Module(s) will have lifting points integrated into either the wall or roof panels and the necessary lifting brackets/shackles will be supplied with the module(s).

All service utilities will enter the structure via a cast-in opening in the floor of the service/chase area. All distribution of utilities within the structure shall terminate at the service/chase area floor opening.

3. Structural Design

Floor panels will be a single 8" thick waffled structural precast concrete panel. Ribs will be 2'-0" O.C. transverse and 4'-0" O.C. longitudinal. All surfaces to be form smoothed. Exposed floor finish may be either commercial grade 12"x12" vinyl tile applied with mastic or epoxy painted with texture additives.

Roof panels will extend beyond the module walls by a minimum of 2" on all sides (except on mating side of multiple module configurations). Exposed side of roof panel will be waterproofed, sheathed with a multi-layer rubber sealing membrane or covered with 24-gauge, overlapping ribbed metal roofing panels with exposed fasteners.

Wall panels will have a minimum 4" thickness with cast-in steel plates along the edges to facilitate a welded steel bar connection at all wall-to-wall, wall-to-roof and wall-to-floor intersections.

Interior framing for shower enclosures, concealment walls and partitions will be metal or treated wood stud construction with purchaser selected sheathing materials.

Exterior finish of wall panels may be one of three styles: 1) sealed exposed aggregate; 2) smooth acrylic paint over broom finish concrete; 3) smooth acrylic paint over a purchaser selected

architectural pattern (brick, rock, stone, wood grain, etc.) cast into the wall panel. No custom formed exterior pattern presenting a pattern reveal depth of greater than 5/8" will be available. Exterior surface of walls and roof shall be sealed prior to final finishing with two coats of concrete sealer.

Exterior finish for roof panels may be one of two styles: 1) rubber sealing membrane for cast, low slope profiles; 2) raised rib, exposed fastener secondary metal roofing.

Interior finish of wall panels and underside of roof panels may be one of three styles: 1) painted moisture resistant gypsum board; 2) 3/4" HDPE plywood sheathing; 3) acrylic paint over form smoothed concrete. Rigid foam board insulating material may be added to the gypsum board and HDPE plywood finishes to achieve specified insulating values. Purchaser to have choice of color scheme (single or contrasting) for wall panels, metal roofing, door & door trim from paint manufacturer's standard selections.

Floor finish will be either 12"x12" commercial grade vinyl tile or urethane based paint and non-slip textured additive with 4" flexible cove molding.

All exposed floor/wall and ceiling/wall intersections will be trimmed with painted fiber-cement board where no gypsum or HDPE interior finish exists.

All wall/floor/ceiling joints will be sealed with a continuous line of compressible, resilient sealant.

Door frames will be 16-gauge galvanized steel and cast into the wall panel.

When called for, natural lighting windows will be decorative glass block inserts mortared/grouted/sealed into cast-in wall openings.

4. Design Criteria

Structure module(s) will be designed to the following:

- floor panel to meet ASCE 7-88, uniform distributed load of 150 lbs. per square foot (200PSF or 300PSF options available).
- roof panel(s) to meet SCE 7-88 roof snow load specification of 60 lbs. per square foot (increased roof load options available and ice fall protection options are available).
- wind loading to meet ASCE 7-88 basic wind speed specifications of 150 MPH.
- structure will be designed for earthquake category D.

5. Materials Specifications

Compressive strength of concrete used will be 5000 PSI at 28 days.

Mix design shall be 114-118 lbs. per cubic foot structural lightweight concrete. Cement component of concrete mix will conform to the requirements of the Standard Specifications for Portland Cement, ASTM Designation C150. Concrete aggregates shall conform to one of the following:

- Specifications for Concrete Aggregates, ASTM Designation: C33.
- Specifications for Lightweight Aggregates for Structural Concrete, ASTM Designation C330.
- Water shall be free from injurious quantities of oil, alkali, vegetable matter and salt. Non-potable water shall not be used in mixing concrete. Admixtures to be used in concrete shall be subject to prior approval by the quality control supervisor and shall be shown capable of maintaining essentially the same composition and performance throughout the work as the product used in establishing the concrete proportions in the mix design.
- Air-entraining admixtures shall conform to Specifications for Air-entraining Admixtures for Concrete, ASTM Designation: C260.

- Water reducing admixtures, retarding admixtures, accelerating admixtures, and water reducing and accelerating admixtures shall conform to Specifications for Chemical Admixtures for Concrete, ASTM Designation: C494.
- Fly ash or other pozzolans used as admixtures shall conform to Specifications for Fly Ash and Raw or Calcined Natural Pozzolans for Use in Portland Cement Concrete, ASTM Designation: C618.

Reinforcement bars shall be deformed steel conforming to the requirements of the Specifications for Deformed and Plain Billet-Steel Bars for Concrete Reinforcement, ASTM Designation: A615. Welded smooth wire fabric shall be steel wire fabric conforming to the requirements of the Specifications for Welded Steel Wire Fabric for Concrete Reinforcement, ASTM Designation: A185.

Concrete sealer will be Thoroseal waterproof sealant or equivalent.

Concrete form liner for simulated architectural features will be Dayton Superior products, Reckli products or equivalent.

Exterior color application will be BASF MasterProtect HB 400 (formerly Thorocoat) a water-based, high-build, 100% acrylic, waterproof coating for above-grade concrete. Interior color application (walls & ceiling) will be Sherwin Williams ProMar 200 acrylic coatings.

Floor color application will be Sherwin Williams Armorseal Rexthane single component, aliphatic, moisture cure urethane industrial floor coating or Armstrong 12"x12" standard Excelon Imperial Texture commercial vinyl tile with recommended adhesive.

Joint trim will be HardieTrim 4/4, 5/4 decorative non-load bearing trim products.

Metal parts color application shall be Sherwin Williams Sher-Kem metal finishing enamel.

Rubber roof sealing membrane to be multi-layer material affixed to face of roof panel with metal termination strip with fasteners at 6" intervals - Duro-Last 40 MIL (DL40) or equivalent.

Metal roof panels will be 26-gauge, R-panel style with exposed fasteners over sealing membrane - All American Metal Components or equivalent.

6. Doors & Windows

Entry doors will be 3'x7'x1-3/4" 18-gauge, flush fit, square edge style, galvanized insulated steel - CECO, Megamet, DeanSteel or equivalent. Hardware package and accessories will include NRP non-corrosive hinges or adjustable tension self-closing hinges, lever handle, mortise style lockset, interior deadbolt (where specified), door check, door stop, weather-stripping and exterior aluminum drip cap. Service area entry doors will be 2'7"x7'x1-3/4" size of identical materials.

Primary locksets will be mortise style with interchangeable core and keys - Sargent, Schlage, Yale or equivalent. Deadbolt locks, where required, will be configured to purchaser specifications - PDQ or equivalent. Interior panic bar exit hardware, where required, will be two-point style - Monarch or equivalent.

Natural lighting windows will be glass block arrays - Pittsburg Corning products or equal.

7. Electrical Equipment

Equipment and wiring will conform to the latest edition of the National Electrical Code and shall consist of the following as a minimum:

- 100 amp, 120/240v AC, 20 position surface mounted load center and cover with 12 single pole 20 amp breakers -
- PVC conduit, boxes and fittings
- appropriately gauged conductor for all circuits
- GFCI duplex outlets

Interior Lighting may be switch controlled or motion/occupancy activated damp location two bulb fluorescent or strip LED interior fixtures.

Exterior Lighting may be photocell actuated incandescent or LED weather protected fixtures.

Emergency & Exit Lighting will be two head style with batteries and charger.

8. Heating, Cooling & Ventilation Equipment

Segregated occupancy areas will each have an appropriately sized switch or motion actuated ventilation system that is comprised of an appropriately sized electric in line fan with grills and ducting to a common backdraft louvered exhaust vent located in the service/chase area drawing through louvered intake vents in the lower half of the entry doors or in the restroom area walls.

Where interior climate control is specified, heating and cooling equipment will consist of appropriately sized ductless style electric heat pump units with thermostat controls - Mitsubishi, Fujitsu or equivalent.

Wall mounted fan forced electric heaters will be located in service/chase area where piping freeze protection is specified - Qmark Type CRA or equivalent.

9. Plumbing

Plumbing materials, installation and testing will be in accordance with the latest edition of applicable state and local code procedures, methods and requirements including the most stringent health and safety standards as interpreted by the authority having jurisdiction. Above ground water supply piping to be Type L Hard Copper with soldered fittings and connections with all drain, waste and vent piping to be PVC Schedule 40.

10. Fixtures

Toilet stations to consist of wall mounted siphon jet style with carrier, rear or top spud, elongated bowl in either Vitreous china or stainless steel with hinged plastic seat (Kohler, Acorn, Metcraft or equivalent).

Urinal stations to consist of wall mounted siphon jet style with carrier, rear or top spud, in either Vitreous china or stainless steel (Kohler, Acorn, Metcraft or equivalent).

Lavatory stations will be wall mounted style with 4" centers in Vitreous china or stainless steel (Kohler, Acorn, Metcraft or equivalent).

Flush valves will be ADA compliant, low consumption style configured as concealed or exposed with either manual or sensor control (Zurn or equivalent).

Faucets will be ADA compliant configured as manual or sensor control with metering (Zurn, Delta, Symmons or equivalent).

Shower stalls will be 36"x36" transfer type chrome finish pushbutton timing shower valves - SYMMONS 4420 or equivalent and hand held shower head(s). Shower seats for ADA size shower stations will be reversible, solid phenolic folding style - BOBRICK B-5181 or equivalent

Hot water supply will be electric compact tank style water heaters.

Water fountains will be ADA compliant, single or double station, ambient or refrigerated, wall mounted style in stainless steel (Elkay or equivalent).

Restroom and service areas will have 2" PVC floor drains with covers.

11. Accessories & Amenities

Basic restroom accessories will include wall mounted multiple roll toilet paper dispensers (Royce Rolls or equivalent), wall mounted center pull paper towel dispensers, liquid soap dispensers, stainless steel framed wall hung mirrors and the appropriate ADA compliant building signage.

Optional accessories may include items such as concealed motor or flush mount electric air blown hand dryers, wall mounted, fold down baby changing stations, sanitary napkin receptacles, waste paper receptacles, coat hooks, kick plates, etc.





COOPERATIVE PURCHASING



WHAT IS THE NATIONAL PURCHASING COOPERATIVE?

The BuyBoard National Purchasing Cooperative's purpose is to obtain the benefits and efficiencies that can accrue to members of a cooperative, to comply with state bidding requirements, and to identify qualified vendors of commodities, goods, and services. The Cooperative also relieves the burdens of governmental purchasing by effectively using current technology and realizing economies of scale.

WHO CAN JOIN?

Membership in the BuyBoard National Purchasing Cooperative is open to all types of local government agencies in all states, coast to coast. While some states have sponsoring associations that promote the benefits of the BuyBoard, local agencies can join from any state. **Membership is free.**

STEPS TO PURCHASE FROM THE BUYBOARD

1. Call Public Restroom Company at 888-888-2060 to talk with a Regional Sales Manager to help guide you through the design process and a proposal.
2. Go to buyboard.com
3. Click "How to Join"
4. Follow the steps to complete the enrollment (which is free!)
5. When ready to purchase, email the Purchase Order to info@buyboard.com

ADDITIONAL QUESTIONS?

If you have other questions, please visit BuyBoard's Frequently Asked Questions page, or call 800-695-2919, or email questions directly to info@buyboard.com.

FAQ PAGE:

buyboard.com/national/about-us/faq.aspx

BENEFITS OF JOINING

- Streamline the buying process
- Avoid the lengthy bid process
- Avoid contractor mark-ups
- 5% discounted pricing
- Percentage of purchase goes back to the Co-op
- Free to join

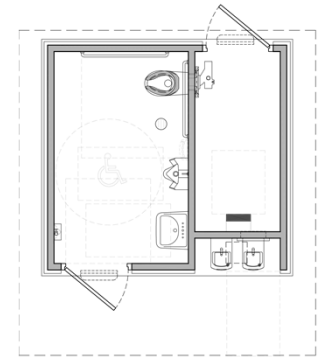


PHONE: 888-888-2060

EMAIL: info@publicrestroomcompany.com

CONTRACT NUMBER: 679-22
CONTRACT EFFECTIVE DATES:
10/01/2023 through 9/30/2024





FLOOR PLAN

SCALE: NOT TO SCALE

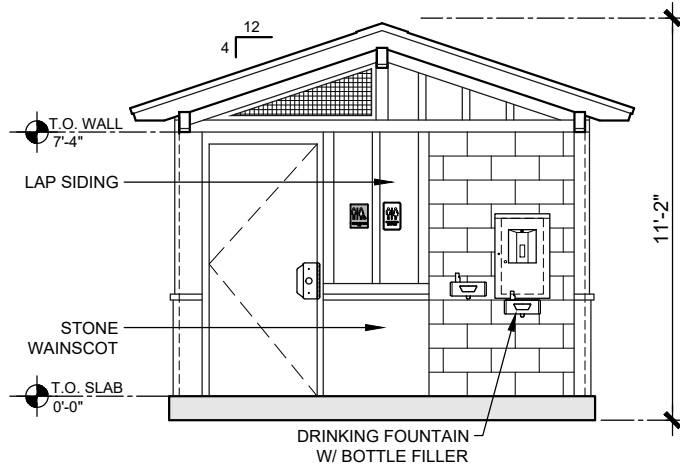
RESTROOM BUILDING
FARRAGUT, TENNESSEE
TOWN HALL PARK



ARTIST IMPRESSION: 3D RENDERING ONLY FOR REPRESENTATION. COLORS AND MATERIALS ARE SUBJECT TO CHANGE

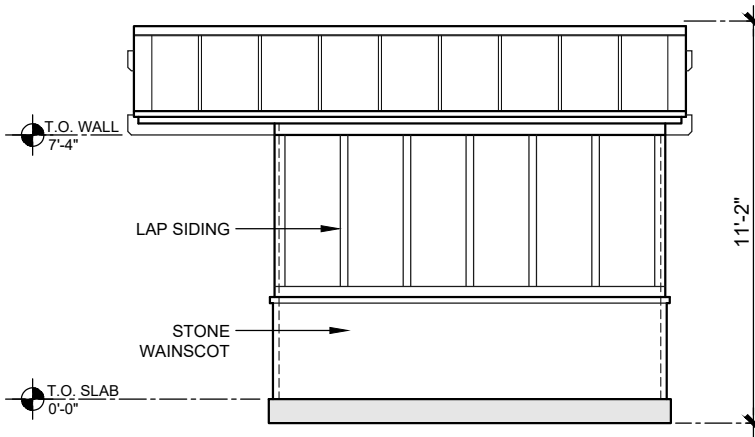
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www.PublicRestroomCo.com
2587 BUSINESS PARKWAY
MINDEN NEVADA 89423
P: 888-888-2060 F: 888-8



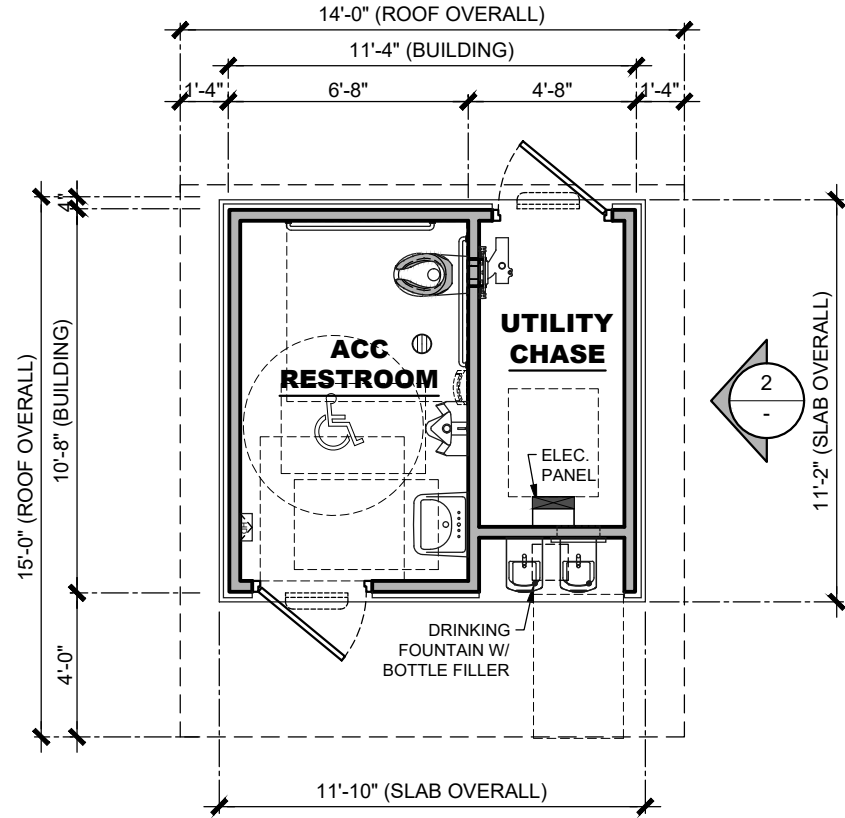
ELEVATION 1

SCALE: 3/16"=1'-0"



ELEVATION 2

SCALE: 3/16"=1'-0"



FLOOR PLAN

SCALE: 3/16"=1'-0"



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BUILDING TYPE:

RESTROOM BUILDING

PROJECT:

**TOWN HALL PARK
FARRAGUT, TN**

REVISION #

3

REVISION DATE: 11/21/2022

DRAWN BY: EOR

PROJECT #
11479

START DATE: 11/10/2022

DRAWN BY: EOR

SHEET#

MAX. PERSON /

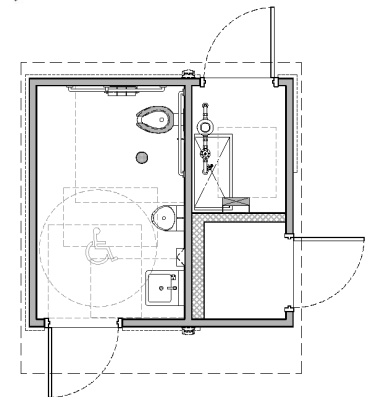
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Item 6.



MURAL PAINTING
(BY OTHERS)



FLOOR PLAN

SCALE: NOT TO SCALE

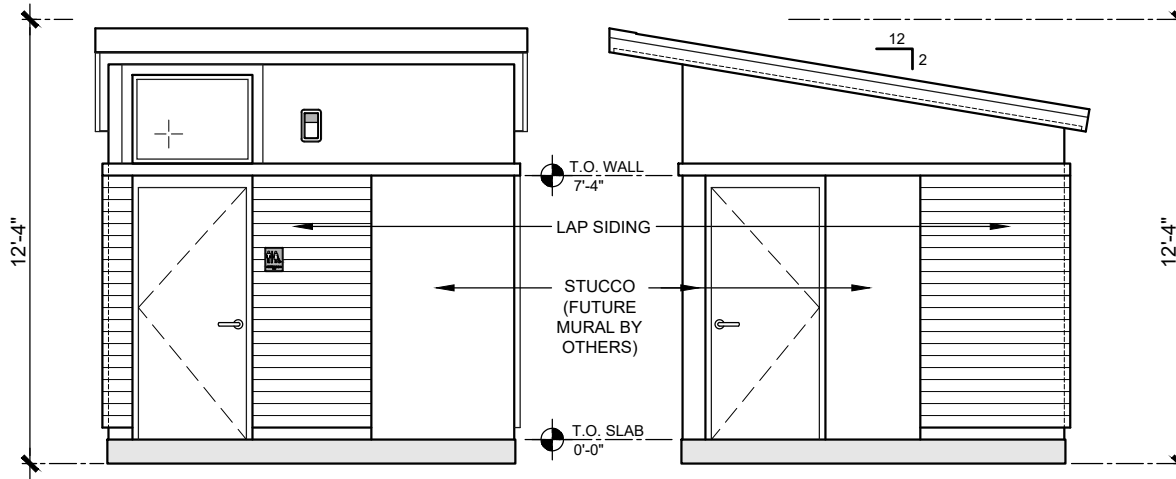
RESTROOM BUILDING
CITY OF ATLANTA, GEORGIA
MART



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www.PublicRestroomCompany.com
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MINDEN NEVADA 89423
P: 888-888-2060 F: 888-888-1448

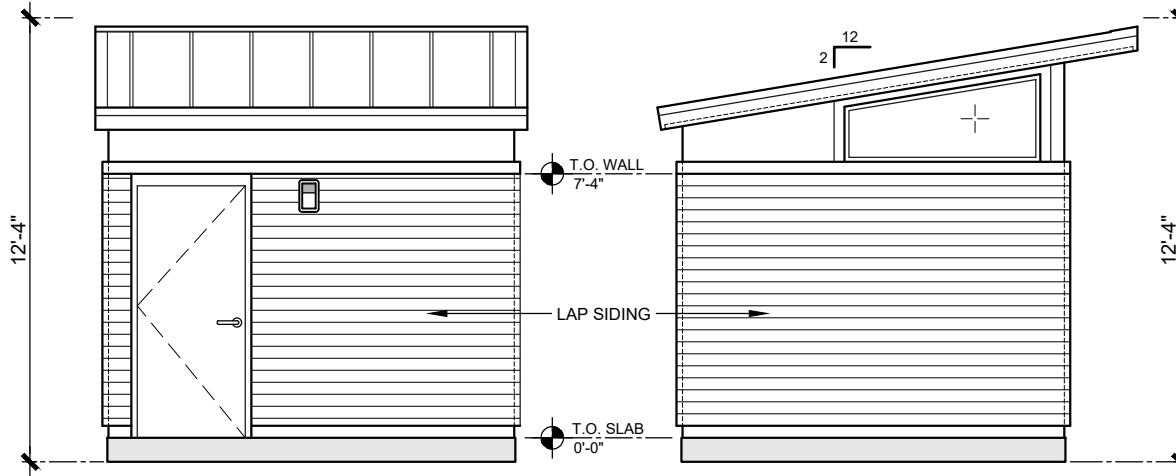


ELEVATION 1

SCALE: 3/16"=1'-0"

ELEVATION 2

SCALE: 3/16"=1'-0"

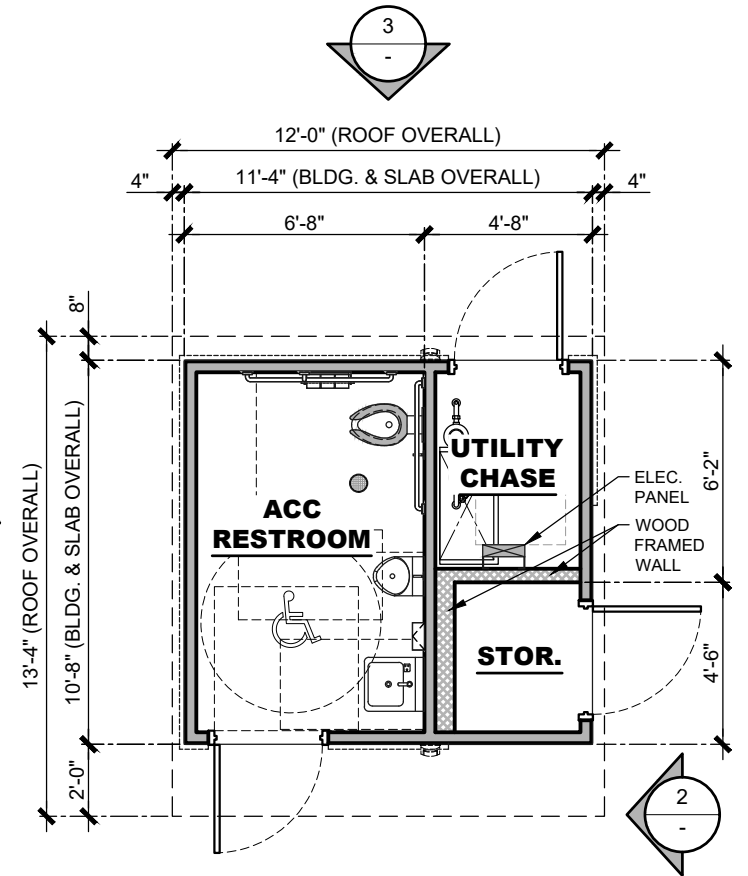


ELEVATION 3

SCALE: 3/16"=1'-0"

ELEVATION 4

SCALE: 3/16"=1'-0"



FLOOR PLAN

SCALE: 3/16"=1'-0"



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BUILDING TYPE:

RESTROOM BUILDING

PROJECT:

**MARTA
CITY OF ATLANTA, GA**

REVISION #

5

REVISION DATE: 10/27/2022

REVISED BY: PD

PROJECT #:

11306

START DATE: 5/5/2022

DRAWN BY: EOR

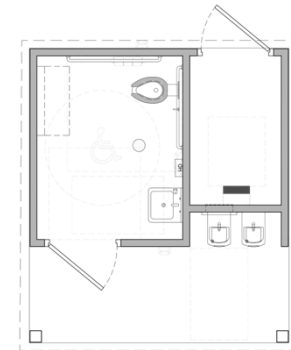
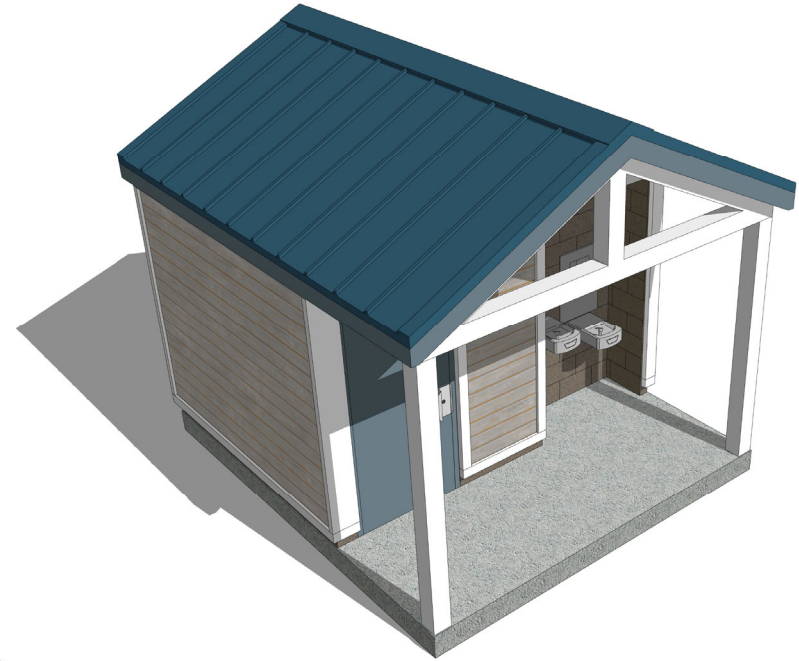
SHEET#

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MAX. PERSON /

45

81



FLOOR PLAN

SCALE: NOT TO SCALE

RESTROOM BUILDING

UNC FINLEY GOLF COURSE

CHAPEL HILL, NC

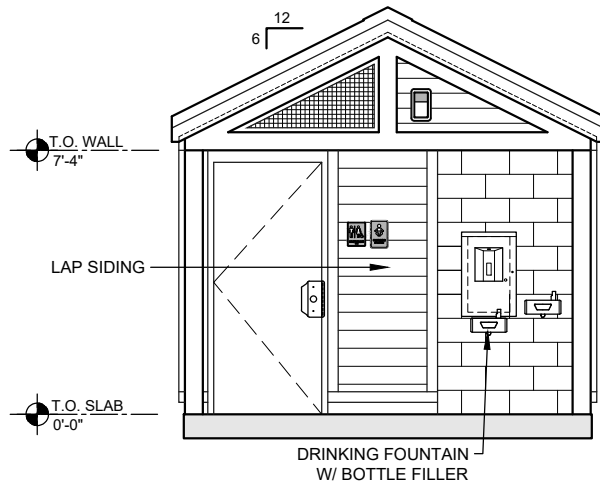


ARTIST IMPRESSION: 3D RENDERING ONLY FOR REPRESENTATION. COLORS AND MATERIALS ARE SUBJECT TO CHANGE

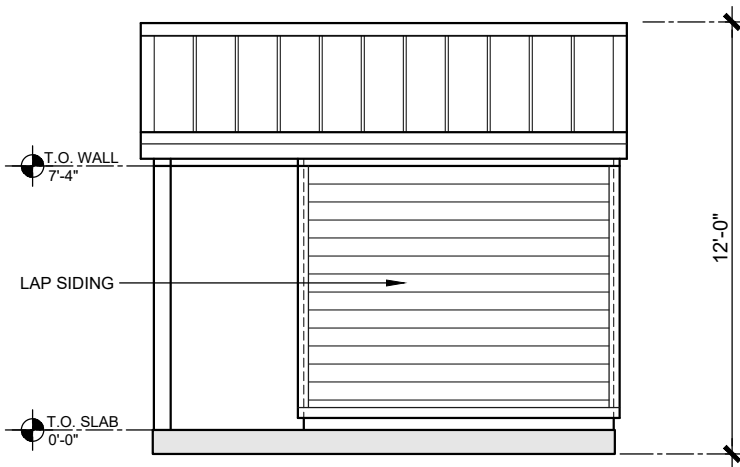
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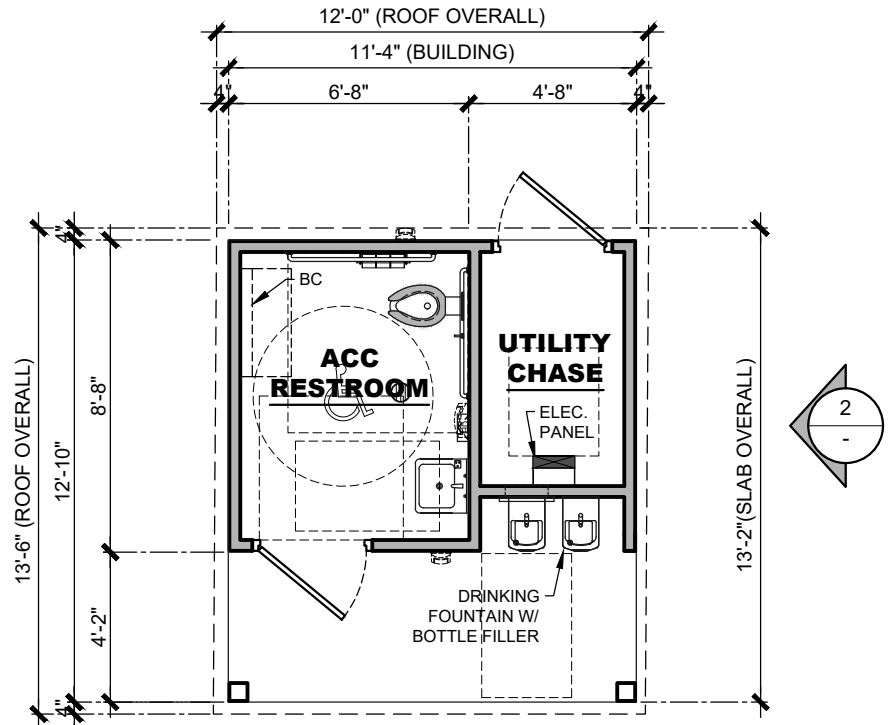
2587 BUSINESS PARKWAY
MINDEN NEVADA 89423
P: 888-888-2060 F: 888-888-1448



ELEVATION 1
SCALE: 3/16"=1'-0"



ELEVATION 2
SCALE: 3/16"=1'-0"



FLOOR PLAN
SCALE: 3/16"=1'0"



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BUILDING TYPE:

RESTROOM BUILDING

PROJECT:

**UNC FINLEY GOLF COURSE
Chapel Hill, NC**

REVISION #

-

REVISION DATE:

DRAWN BY:

SHEET#

PROJECT #:
11591

START DATE: **3/16/2023**
DRAWN BY: EOR

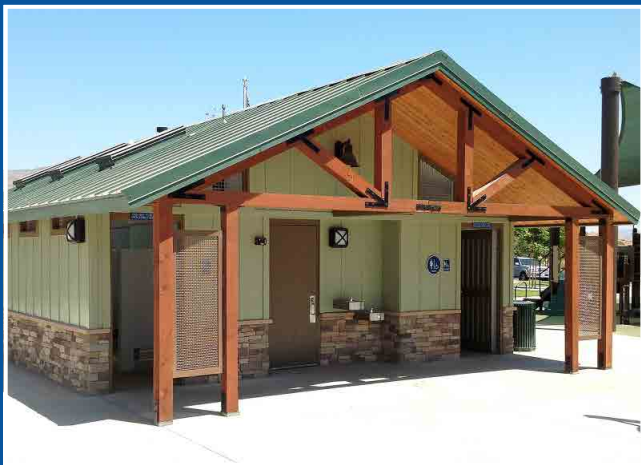
MAX. PERSON /
90

83



PUBLIC RESTROOM COMPANY

Building Better Places To Go.SM



PRODUCT CATALOG

www.publicrestroomcompany.com | 888.888.2060



PRC PRODUCT LINES

RESTROOMS

PAGES

Playground Series	6 - 9
Sports Park Series	10 - 12
Stadium Series	13, 16
Family Series	14 - 16

CONCESSIONS

All Models	17, 19
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SHOWERS

All Models	18 - 19
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SPECIALTY

All Specialty	20 - 21
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STORAGE

All Models	22 - 23
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COMPANY OVERVIEW

Public Restroom Company (PRC) is a design, build, and installation firm of prefabricated public restrooms and other park buildings for over forty years. Our modular construction approach allows us to customize any restroom or building by adding on for storage, offices, showers, concessions, or whatever you have in mind. We are driven to design and build architecturally pleasing, safer, cleaner, odor-free, vandal-resistant, and longer-lasting public restrooms for parks, marinas, beaches, water parks, campgrounds, and transit stations.

PRC is a family-owned and managed company by a brother and sister team, Chad Kaufman and Katie Kaufman-Sherin. After many years working under their late father and company founder, Chuck Kaufman, they took control of the business in 2019 and continue the PRC legacy today. Chuck was a public restroom industry front-runner who was always looking to develop innovative ways to build better restrooms and he did exactly that. Over the years, Chuck and the PRC Team introduced new design ideas to help reduce vandalism, continually improved the quality of components installed in each building until they were the best in the market, and developed a proprietary concrete additive that makes our buildings' concrete floors and walls water resistant, non-staining, and odor-free. These are only a few of his progressive changes to the standard public restroom building that make our buildings truly stand out from the rest.

Over the years, PRC has built one of the largest existing design libraries with plans for: public restrooms, showers, storage, concession stands, scorekeeper booths, laundry rooms, maintenance rooms, and so much more. We strive to design the best looking buildings, but also build buildings that last. We proudly stand behind our quality and finished product with an industry-leading warranty of 20 years structural and 5 years for parts.

Our mission is ***Building Better Places To Go***SM and we are committed to do that every day.



Katie Kaufman-Sherin & Chad Kaufman

To see more of what we can do,
visit our project gallery at:
publicrestroomcompany.com



THE PRC PROCESS



▶ STEP ONE | SIZE

What is the **general size** of the park or outdoor space you are planning a restroom for?

- Is this a smaller, neighborhood park?
- Or will it be a larger, multi-sports complex?

It may be difficult to approximate number of users per hour, so first understand the size and primary activities at the location and then determine the number of fixtures needed. Our restroom models are separated into various series to accommodate both size and purpose. Our Team can help guide you through this step to determine the best model.

▶ STEP TWO | EXTRA FEATURES

Now that you've decided on how many basic restroom fixtures are needed to accommodate peak usage. The next step is to identify any unique features to the location, typical weather patterns, and if any modular add-ons are needed. Here are some things to consider:

- Incorporating drinking fountains or a water bottle filler is an appreciated extra convenience whether at a playground or trailhead location.
- Does the location get really hot or experience harsh weather? Might be a good idea to add a covered entrance for shade and protection from any outside elements.
- Dog Park? Include a pet fountain, dog washing station, or both!
- For Sports Parks, it's always a good idea to add more storage space for park maintenance equipment or include a concession stand.

▶ STEP THREE | DESIGN & FINISHES

Last step is the fun part, deciding on the overall look for your building and selecting all exterior/interior finishes and colors. Sometimes this can also be the most difficult part, so to help with that we offer one of the largest design libraries of custom restrooms and buildings. This can help guide you on what would look best to match the existing site architecture and be in harmony with the location's natural landscape.

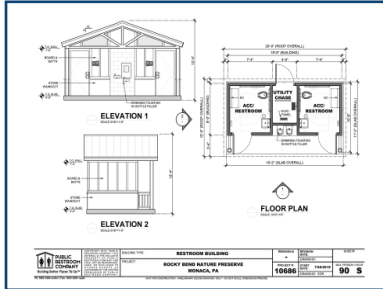


PRC BUILDING WARRANTY

20 YEAR STRUCTURAL | 5 YEAR PARTS & FIXTURES



1 | Design & Renderings for Client Approval



2 | Engineered Drawings & State Approved Plans



3 | Engineered Rebar Mat ready for Concrete Pour



4 | Finished Slab of Specialized Moisture Resistant Concrete



5 | CMU Walls Constructed on Concrete Slab



6 | Turnkey Electrical, Plumbing, and Fixtures



7 | Roof is Installed on CMU Walls



8 | Shrink Wrapped prior to Transportation to Site



9 | Sub-Grade Pad Preparation



10 | Drop-In-Place Installation with a Crane



11 | Finished Building & Ready to Go! (literally)



RESTROOMS | PLAYGROUND SERIES

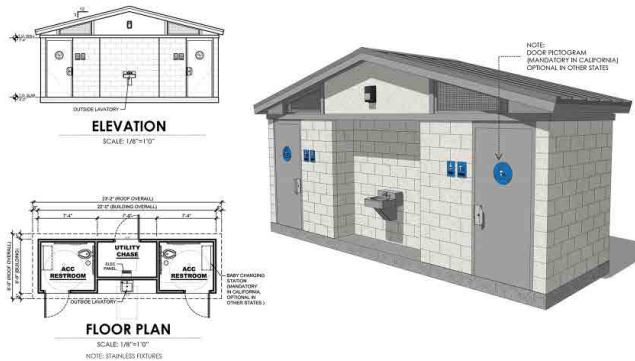
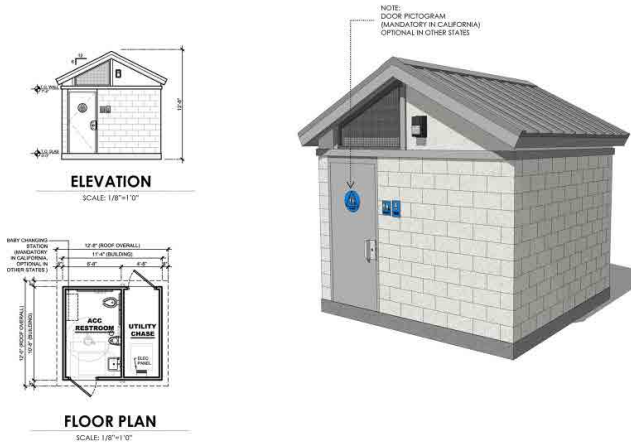


PS-011 Model

- One Single Occupant Restroom
- (1) Toilet | (1) Interior Sink
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 45 Users per Hour

PS-111 Model

- One Single Occupant Restroom
- (1) Urinal | (1) Toilet | (1) Interior Sink
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 45 Users per Hour



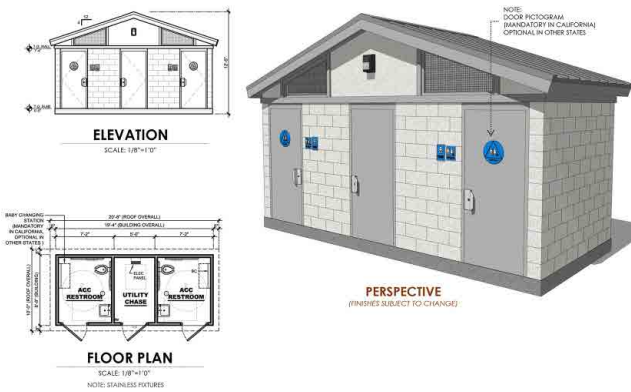
PS-021-ES Model

- Two Single Occupant Restrooms
- (2) Toilets | (1) Exterior Sink
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 90 Users per Hour

***Note:** Drinking fountains and water bottle fillers are common add-ons to this model with the alcove already in place.



| PS-022 | //////////
 Best selling model in the
 Playground Series

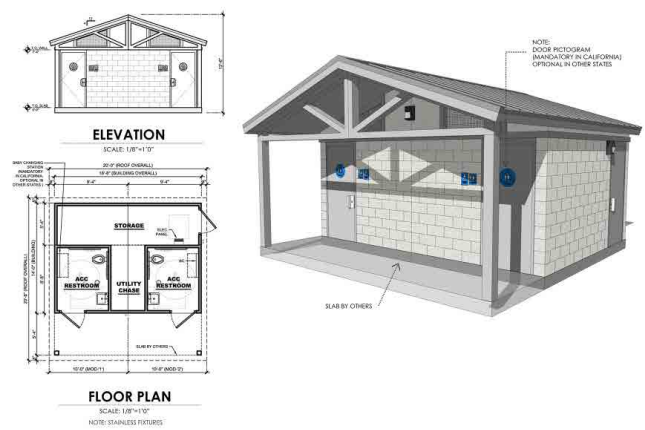


PS-022 Model

- Two Single Occupant Restrooms
- (2) Toilets | (2) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 90 Users per Hour

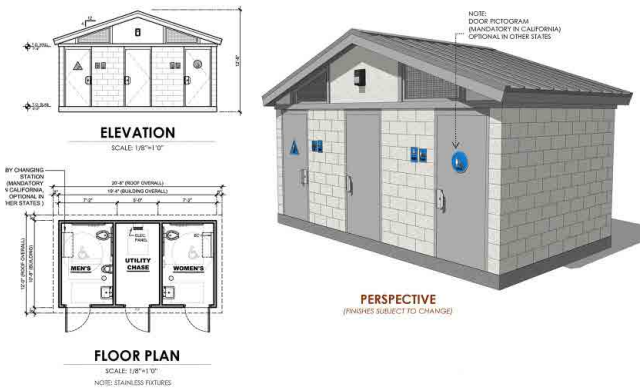
PS-022-ST-CE-2M Model

- Two Single Occupant Restrooms
- (2) Toilets | (2) Interior Sinks
- Covered Entry + Storage Room
- ADA Compliant
- Vandal Resistant Components & Fixtures
- Building is composed of 2 Mods
- 90 Users per Hour





RESTROOMS | PLAYGROUND SERIES

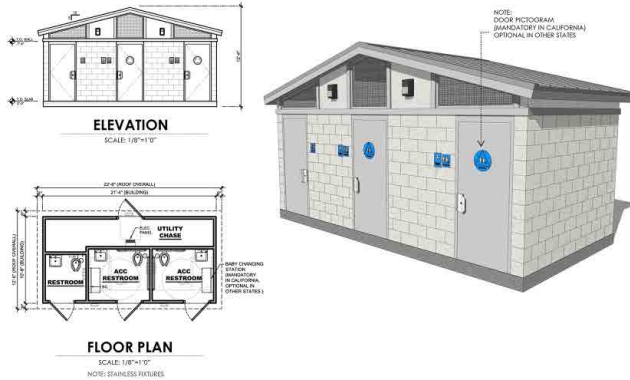


PS-122 Model

- Two Single Occupant Restrooms
- (1) Urinal | (2) Toilets | (2) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 90 Users per Hour

PS-033 Model

- Three Single Occupant Restrooms
- (3) Toilets | (3) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 135 Users per Hour



COMMON ADDITIONS AND CHANGES

Fixture & Feature Add-Ons:

- Drinking Fountains, Water Bottle Fillers, Green Screens, Pet Fountain, Trellis, Covered Entrance, Privacy Site Screens, Exterior Sinks, Custom Tiled Alcoves

Modular Add-Ons:

- Storage, Concession, Office Space, and Showers

Other Changes:

- Relocate the utility room access door to the back of the building, this can be done for most plans where it is located on the front side of the building.

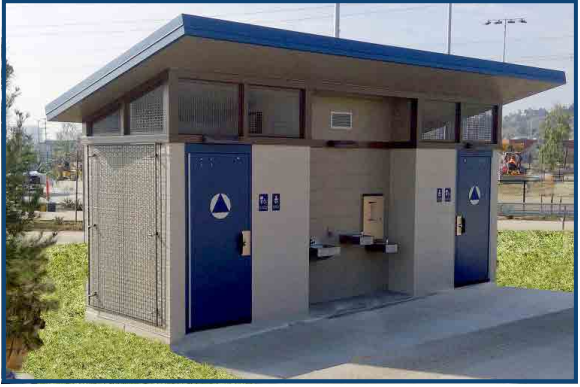
PLAYGROUND SERIES GALLERY



Model: PS-011



Model: PS-011



Model: PS-021-ES



Model: PS-022



Model: PS-033

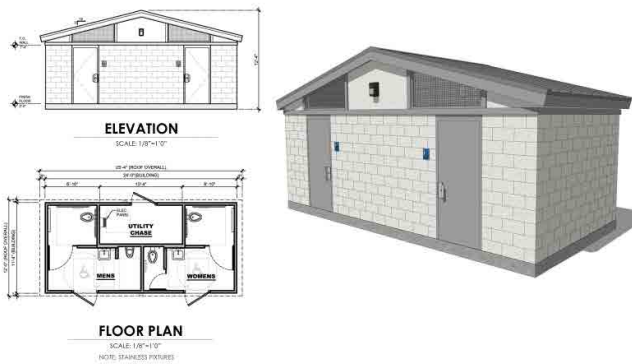


Model: PS-033



RESTROOMS | SPORTS PARK SERIES

SP-132 Model



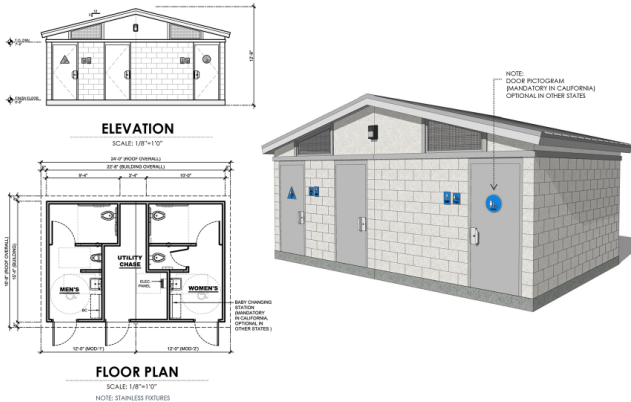
- Two Multiple Occupant Restrooms
- (1) Urinal | (3) Toilets | (2) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 180 Users per Hour

***Note:** If the building is located in California, you must use the SP-132-2M floor plan (below) for code compliance.

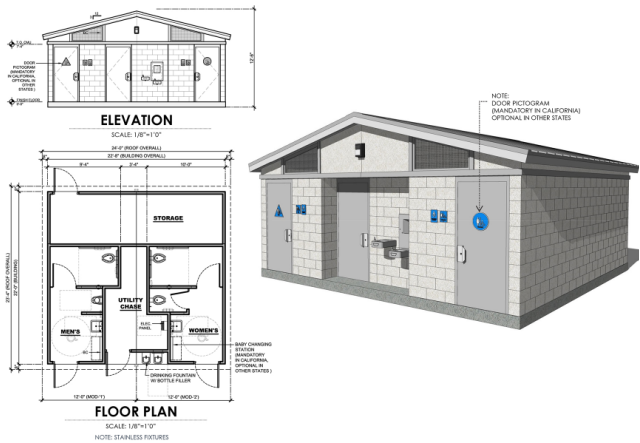
SP-132-2M Model

- Two Multiple Occupant Restrooms
- (1) Urinal | (3) Toilets | (2) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- Building is composed of 2 Mods
- 180 Users per Hour

***Note:** This is the code compliant floor plan for the State of California.




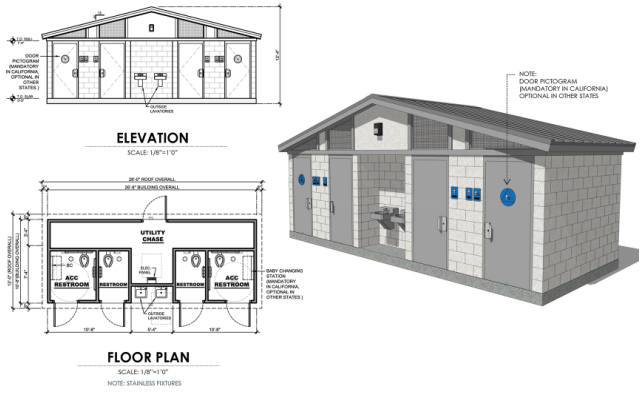
SP-132-ST-2M Model



- Two Multiple Occupant Restrooms + Storage Room
- (1) Urinal | (3) Toilets | (2) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- Building is composed of 2 Mods
- 180 Users per Hour

***Note:** Drinking fountains and water bottle fillers are common add-ons to this model with the alcove already in place.

| SP-132-2M | 
 Best selling model in the Sports Park Series

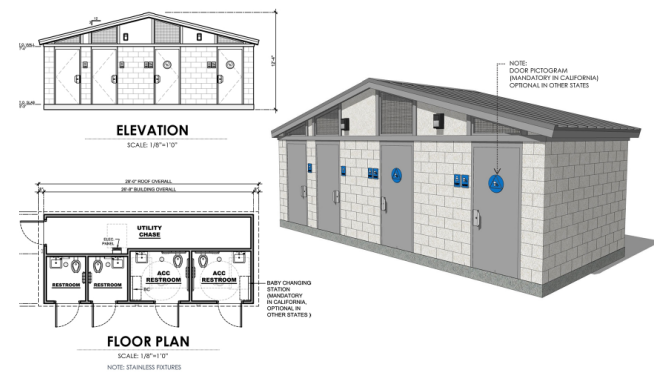


SP-042-ES Model

- Four Single Occupant Restrooms
- (4) Toilets | (2) Exterior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 180 Users per Hour

SP-044 Model

- Four Single Occupant Restrooms
- (4) Toilets | (4) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 180 Users per Hour





SPORTS PARK SERIES GALLERY



Model: SP-132



Model: SP-132



Model: SP-132-ST-2M



Model: SP-132-2M

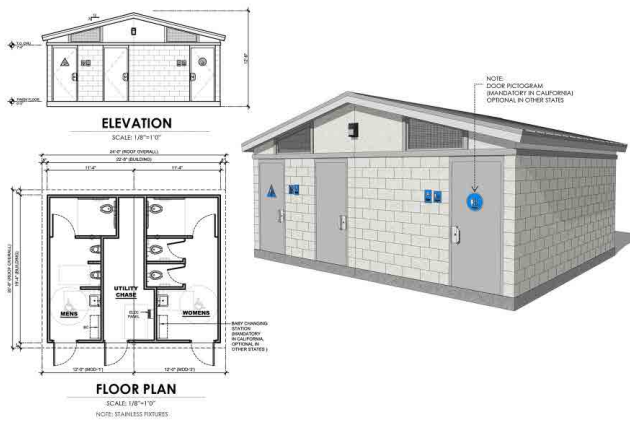


Model: SP-044-2M



Model: SP-044

RESTROOMS | STADIUM SERIES

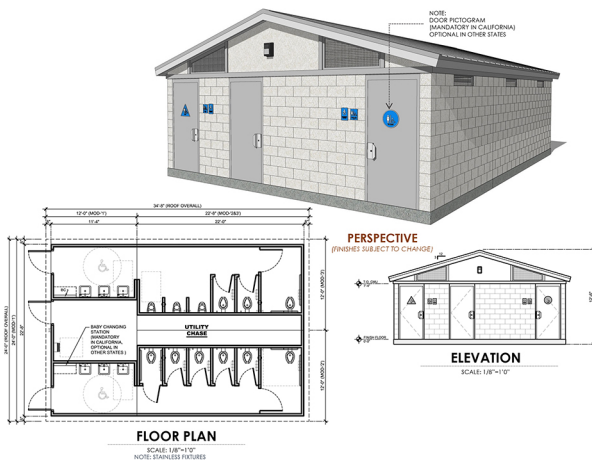
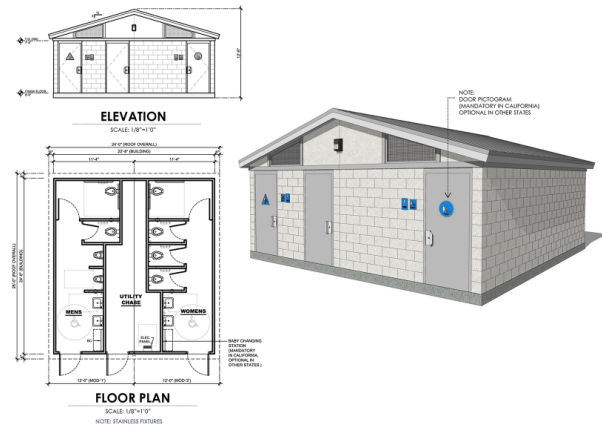


SS-242 Model

- Two Multiple Occupant Restrooms
- (2) Urinals | (4) Toilets | (2) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 270 Users per Hour

SS-264 Model

- Two Multiple Occupant Restrooms
- (2) Urinals | (6) Toilets | (4) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 360 Users per Hour

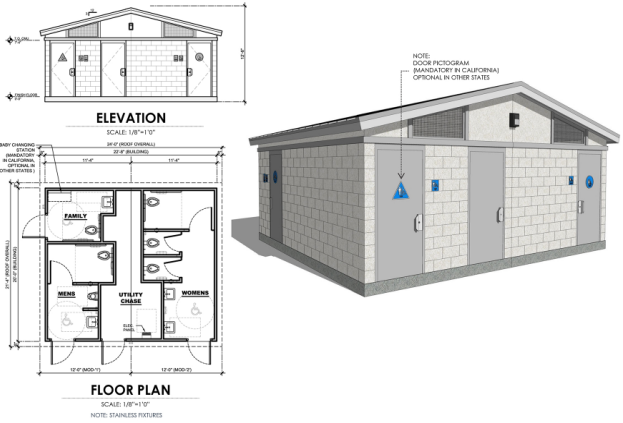


SS-396 Model

- Two Multiple Occupant Restrooms
- (3) Urinals | (9) Toilets | (6) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 540 Users per Hour



RESTROOMS | FAMILY SERIES

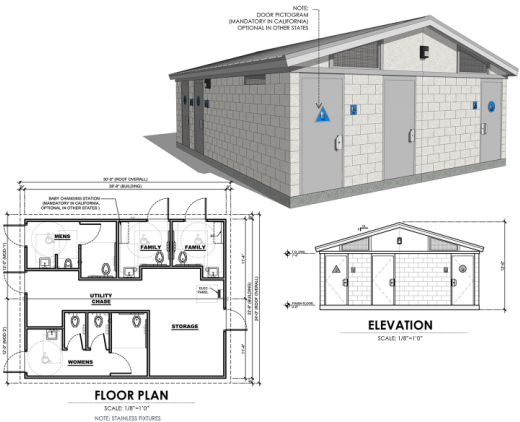
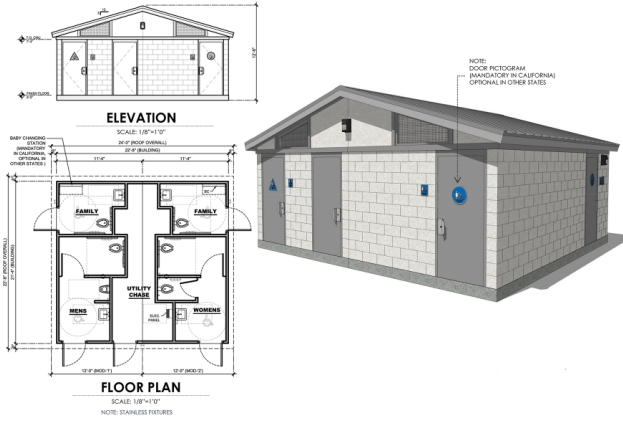


SS-154-FAM Model

- Two Multiple Occupant Restrooms + (1) Family Restroom
- (1) Urinal | (5) Toilets | (4) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 255 Users per Hour

SS-154-2FAM Model


- Two Multiple Occupant Restrooms + (2) Family Restrooms
- (1) Urinal | (5) Toilets | (4) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 270 Users per Hour

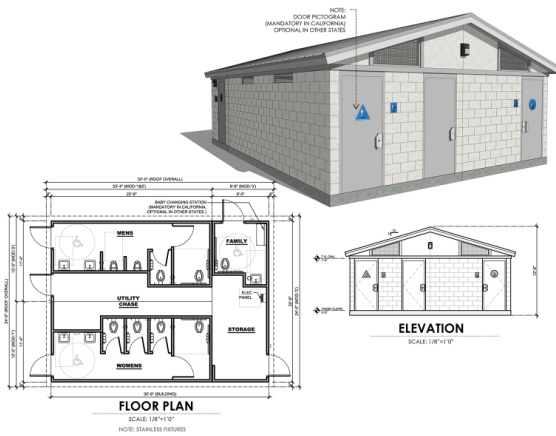


SS-164-2FAM-ST Model

- Two Multiple Occupant Restrooms + (2) Family Restrooms + Storage Room
- (1) Urinal | (6) Toilets | (4) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 300 Users per Hour



| SS-154-2FAM | 
Best selling model in the
Family Series



SS-275-FAM-ST Model

- Two Multiple Occupant Restrooms + (1) Family Restroom + Storage Room
- (2) Urinals | (7) Toilets | (5) Interior Sinks
- ADA Compliant
- Vandal Resistant Components & Fixtures
- 405 Users per Hour



STADIUM & FAMILY SERIES GALLERY



Model: SS-154-FAM



Model: SS-154-2FAM



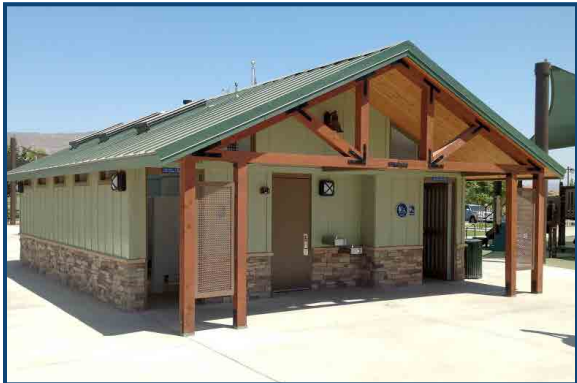
Model: SS-242



Model: SS-242

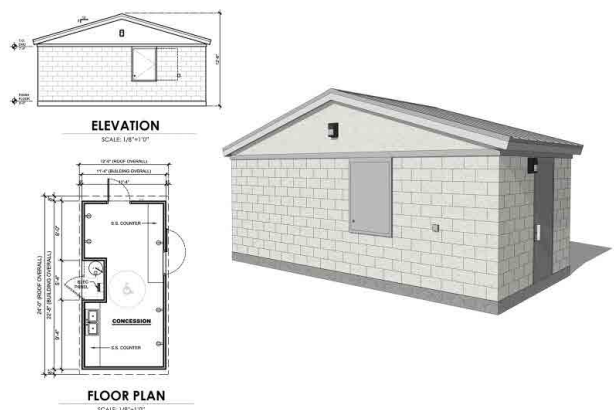


Model: SS-164-2FAM-ST



Model: SS-394

CONCESSIONS

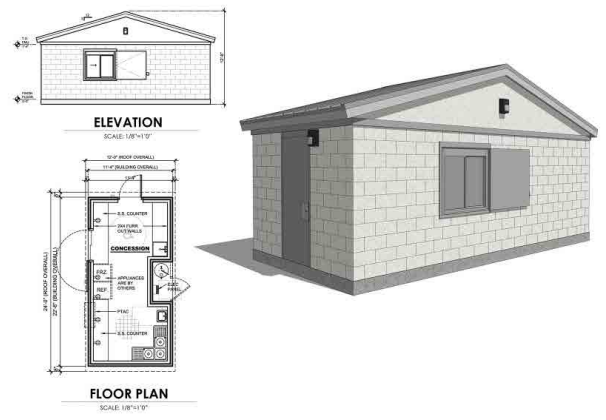


CN1 Model

- Level 1 Concession
- Able to serve: canned beverages, bottled water, and individually packaged foods (ex. chips & candy)
- Base level concession stand
- ADA & Health Code Compliant
- This model is best when serving only pre-packaged food and beverage items that do not require preparation.

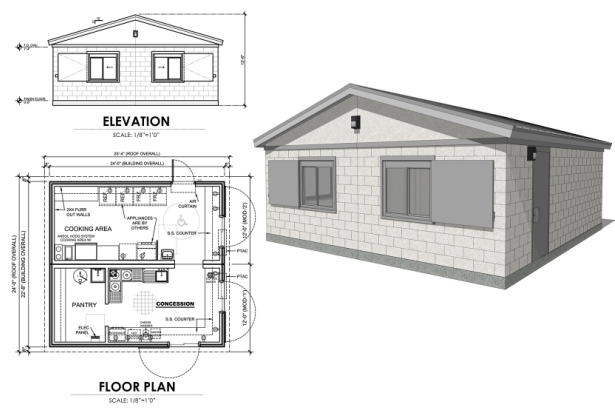
CN2 Model

- Level 2 Concession
- Able to serve: ice, coffee, fountain drinks, nachos, hot dogs, and popcorn
- ADA & Health Code Compliant
- This model is best for serving food and beverages that only require minimal preparation and limited contact. Able to serve ice and offer warmed drinks and food, not a full-service kitchen.



CN3 Model

- Level 3 Concession
- Able to serve: ice, coffee, fountain drinks, nachos, hot dogs, and popcorn + **grilled and fried foods**
- ADA & Health Code Compliant
- This model is best for having the ability to serve most all foods, dependent on local health codes. Full-service kitchen for food preparation, anything that may require rinsing, washing, or thawing.

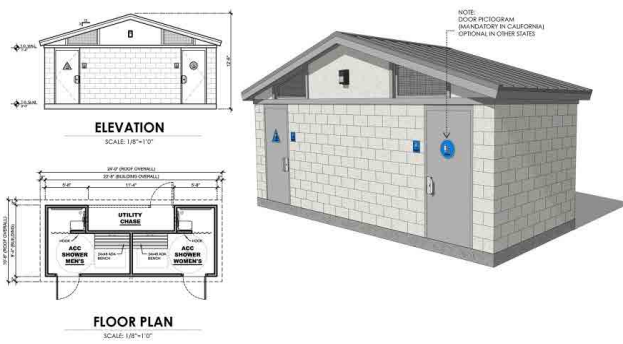




SHOWERS

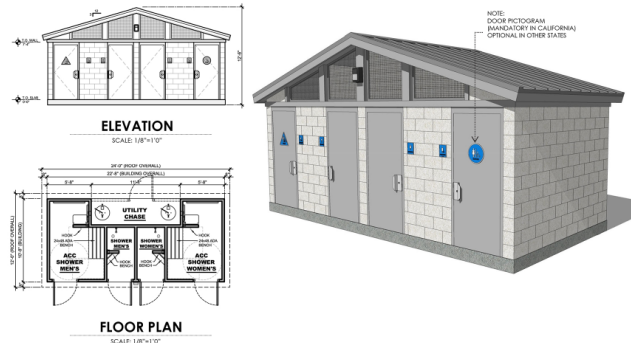
SH2 Model

- Two Single Occupant Shower Rooms
- ADA Compliant
- Vandal Resistant Components & Fixtures



SH4 Model

- Four Single Occupant Shower Rooms
- ADA Compliant
- Vandal Resistant Components & Fixtures



SHOWER OPTIONS

PRC's shower buildings can be built as standalone buildings or added on to any of our restroom models or other floor plans. Shower fixtures are typically installed in the interior, but can be relocated to the building's exterior or can be placed in both locations.

Locker rooms and individual changing rooms are other popular additions when including showers.

Exterior Showers



Interior Shower Stalls



ADA Shower Stall

SHOWER & CONCESSION GALLERY



Model: PS-022-SH2-ST



Model: SS-264-ST + CN2



Model: SS-242-SH4



Model: CN3



Model: SP-133-SH4-ST | Exterior Showers



Model: SS-385-SH2-ST + CN2



SPECIALTY BUILDINGS



We go beyond just restrooms and can build almost any prefabricated building you envision.

While these buildings and floor plans are custom, as with every project, we will provide you with 3D renderings to start with so we can get the exact layout and finished look you are trying to achieve.



FLOOR PLAN
SCALE: NOT TO SCALE



Below is a list of various buildings we have built for customers to date:

- Pro Shop for Golf Course & Tennis Center
- Ticket Booths & Kiosks
- Transit Stations
- Meeting Rooms & Offices
- Lifeguard Station
- Scorekeeper Booths
- Multi-Use Building
- Laundry Rooms
- Trash Enclosures

SPECIALTY BUILDING GALLERY



Ticket Booth



Kiosk & Information Center



Lifeguard Station | Shower & Restrooms



Laundry Room + Restrooms



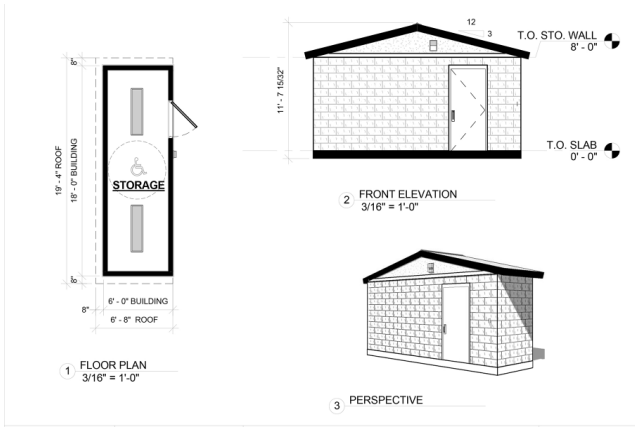
Meeting Room



Scorekeeper Booth



STORAGE BUILDINGS

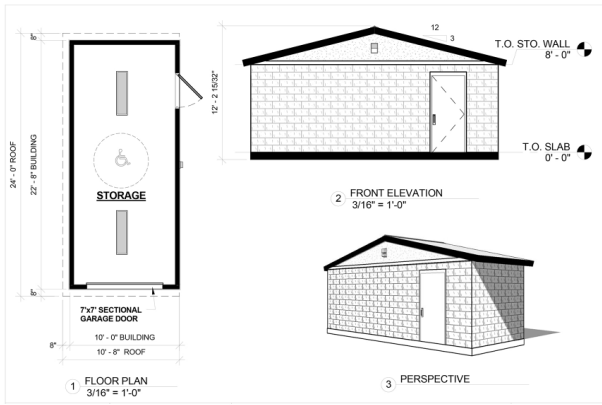
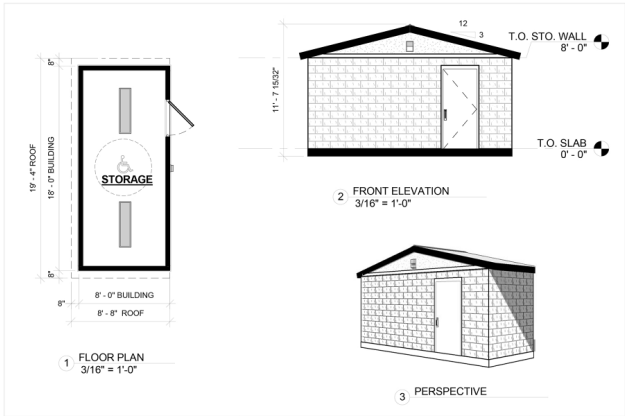


ST-6 Model

- Adds over 135 square feet of storage space for maintenance
- Designed to extend an 18' ft. wide building by an additional 6' ft.

ST-8 Model

- Adds over 180 square feet of storage space for maintenance
- Designed to extend an 18' ft. wide building by an additional 8' ft.
- Able to add a garage door to allow easy access for larger equipment and tools (ex. lawn mower)



ST-10 Model

- Adds over 225 square feet of storage space for maintenance
- Designed to extend an 22' 8" wide building by an additional 10' ft.
- Able to add a garage door to allow easy access for larger equipment and tools, or a small vehicle (ex. lawn mower, ATV)



Storage with Single Garage Door



Storage with Double Garage Doors



ST-6 Model attached to Restroom



ST-10 Model attached to Restroom

If you are looking to install the highest quality building with the best overall aesthetics, your search ends here. With our flexible architecture and continual improvement process, we promise to deliver you the best looking and longest lasting restroom that is easy to maintain. This is why we offer a twenty (20) year structural warranty and a five (5) year warranty on parts and fixtures, the leading warranty offered within the industry.

Our team will walk you through the entire process and in the end, the building can be installed and up and running in only a few days. A complete turnkey building, just like we promise.

We look forward to helping you with your next project.

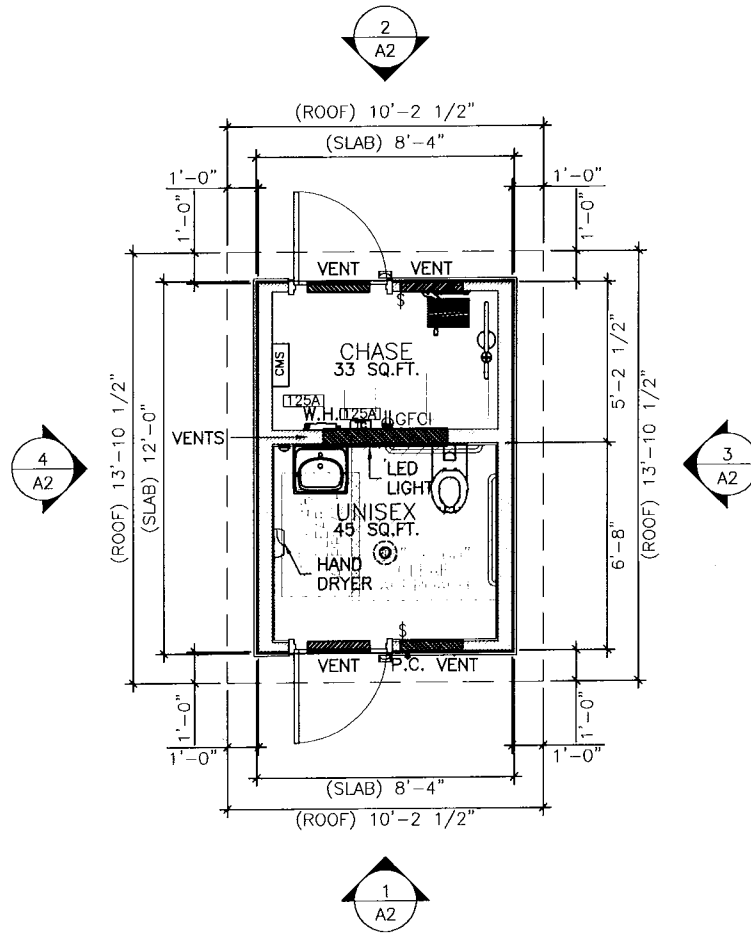


www.publicrestroomcompany.com | 888.888.2060

RFL Restroom Facilities Limited
 1700 COLLETT CIRCLE
 MARBLE FALLS, TX 75854
 932-222-8454

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NON-INSULATED WALLS



1 FLOOR PLAN 78 SQ.FT.
 Scale: 1/4" = 1'-0" SLAB 100 SQ.FT.

REF. MODEL #: W101
 PROJECT: Woodcreek, TX

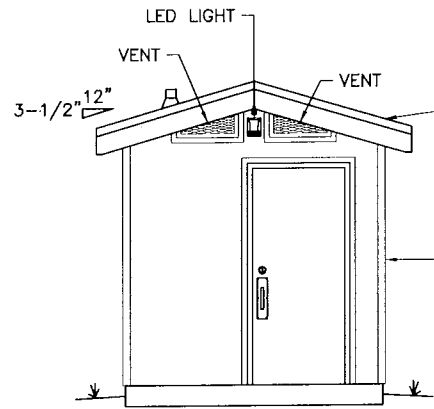
DRAWN BY:	C.G.S.L.P.
DATE:	1/11/2024
REVISION:	
DATE:	
REVISION:	
DATE:	
REVISION:	
DATE:	
REVISION:	
DATE:	

SHEET DESCRIPTION:
 FLOOR PLAN

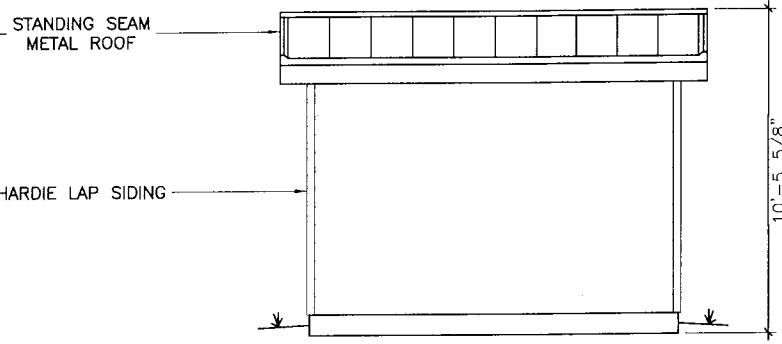
SHEET
 A1

RFL Restroom Facilities Limited
 1797 GALE CURTLE
 MARBLE FALLS, TX 78554
 915.227.5684

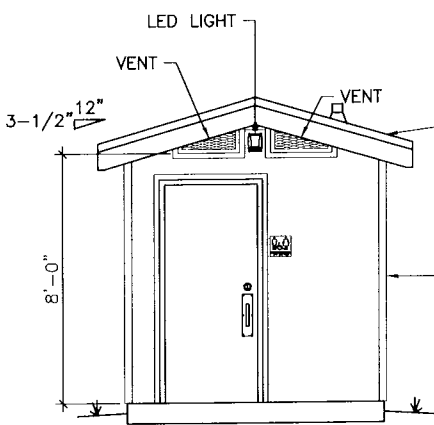
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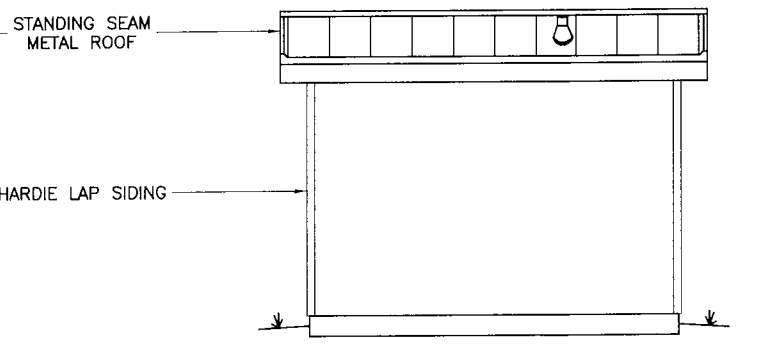
2 REAR ELEVATION
 Scale: 1/4" = 1'-0"



4 LEFT SIDE ELEVATION
 Scale: 1/4" = 1'-0"



1 FRONT ELEVATION
 Scale: 1/4" = 1'-0"



3 RIGHT SIDE ELEVATION
 Scale: 1/4" = 1'-0"

REF. MODEL # W101
 PROJECT Woodcreek, TX

DRAWN BY:	C.G & L.P.
DATE:	1/4/2024
REVISION:	
DATE:	
REVISION:	
DATE:	
REVISION:	
DATE:	
REVISION:	
DATE:	

SHEET DESCRIPTION:
 ELEVATIONS

SHEET
 A2

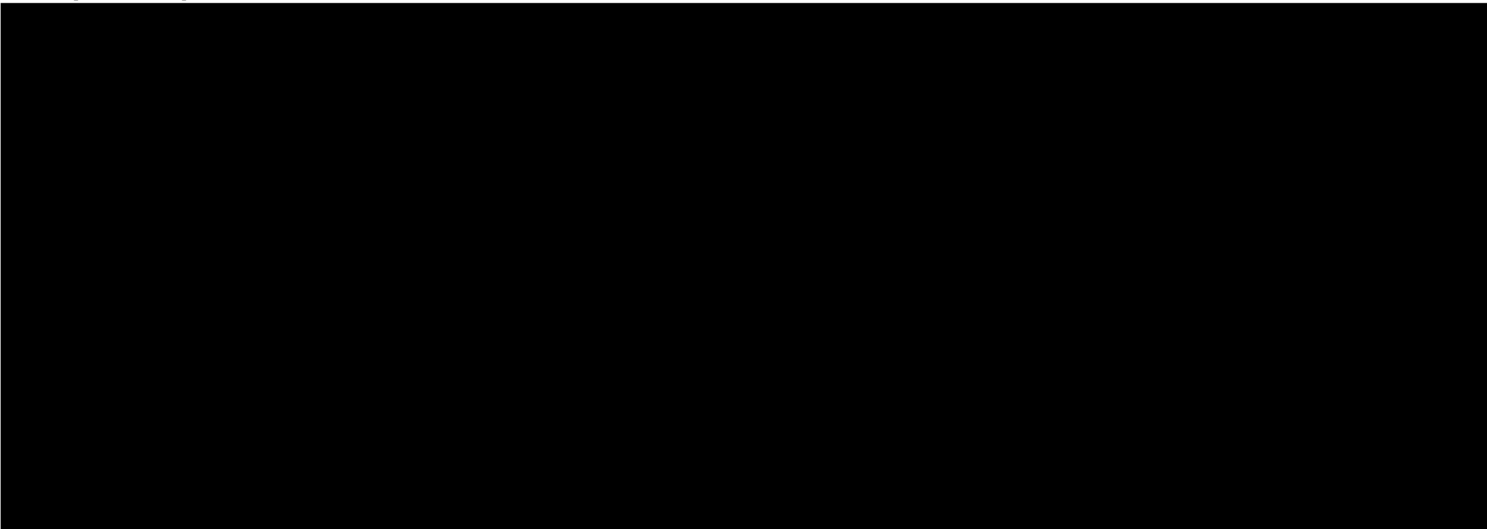
City Secretary

From: Cody Abney <[REDACTED]>
Sent: Tuesday, February 13, 2024 9:24 AM
To: City Secretary; Manager
Subject: FW: Formal Quote/CorWorth Restroom Facility Model W101
Attachments: DOC013124.pdf; CorWorth Client's Scope of Work Pad Prep and Utilities (1) (2) (1) (1).pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Here is Corworth in Marble Falls.

Cody Abney



From: Caleb Templeton <[REDACTED]>
Sent: Wednesday, January 31, 2024 2:18 PM
To: Cody Abney <[REDACTED]>
Subject: Formal Quote/CorWorth Restroom Facility Model W101

Hello Cody,

It was a pleasure to speak with you today.

I have put together a formal quote with an elevation and floor plan included.

The total amount for a Model W101 is \$100,220 - BuyBoard amount is \$90,198

The above amount includes the Building, engineer stamped / code review stamped plans, underground plumbing kit specifically built for the building, all in plant building inspections, freight, crane, and installation by our team of installers.

The above is a Wood Framed Building; and your building will come with the following features:

lap siding exterior (your choice of color)

standing seam metal roof (your choice of color),

attached 8" thick concrete slab foundation (stained and sealed),

Vitreous China Fixtures(toilet and sink)

World Slimdri hand dryer,

stainless steel mesh vents,

energy efficient LED lighting inside and outside,

energy efficient tankless on-demand water heater,

Steel Doors,

motion sensors and time clock,

all internal electrical and plumbing included.

The building will also be guaranteed to be both ADA Compliant and Building Code Compliant.

I included our Client Scope of work in the attachments as well. It explains everything required for the pad preparation before the building arrives.

CMS:

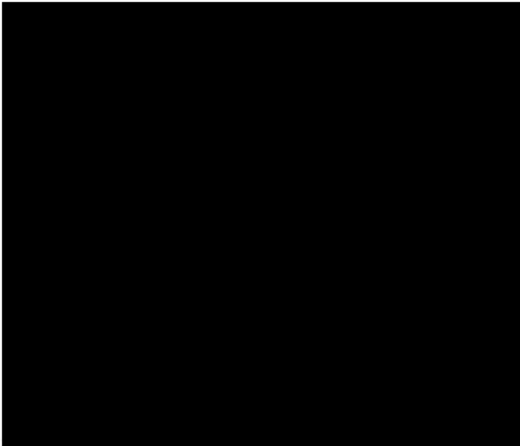
Our CMS security system was developed by CorWorth to allow park departments and maintenance to better monitor their facilities. Alerts and updates about the building can be received via messages on a cell phone. Additionally, it gives the user the ability to turn lights on and off, lock and unlock doors, and shut off water.

(On a side note, our lead times are going to fall between 150-180 days. We have had an influx of business over the last few months and it has extended our expected production time.)

Thank you for your time, and please let me know if you have any questions.

Best Regards,

Caleb Templeton





CLIENT'S SCOPE OF WORK
TURNKEY INSTALLATION OF RESTROOM BUILDING WITH ATTACHED SLAB

1. SURVEY STAKES:

Provide ten foot offset stakes and locate front corners of building, existing utilities, and inverts within the area of construction. Locate and mark final slab elevation.

2. SUBGRADE PAD:

Detailed instructions to prepare the building site are as follows:

- 2.1. Excavate down ten inches below the finish floor elevation (the slab is eight inches thick on top of a two inch sand bed).
- 2.2. Import six inches of $\frac{3}{4}$ - road base rock, and pour for a footing and/or piers (if required).
- 2.3. Compact to 95%, or to local code requirement. If RFL installer questions 95% compaction Client will be required to sign off on approval of setting of the building.
- 2.4. Compact one foot over in all directions (over build).
- 2.5. Supply approximately five cubic yards of clean sand, on side of site, for fine grading.
- 2.6. Excavate and backfill trenches up to and within building pad for RFL supplied underground utility service kits.
- 2.7. Provide water and inspection for RFL supplied underground sewer kit.
- 2.8. All irrigation should be turned off prior to delivery to allow the surrounding soils to dry and bear the weight of the truck and crane. Any damage to area after verification of path in is the responsibility of the Client.
- 2.9. Check corner locations against plans for proper sizing.
- 2.10. Verify finish floor elevation for concrete slab (shipped fully attached to the building.)
- 2.11. Excavate one foot perimeter footing if required by local code to specified depth.
- 2.12. Verify that pad is level and flat and at correct elevation.

3. SITE ACCESS AND STORAGE:

Provide suitable safe clear access to allow a crane (minimum 110 tons), and the building on a semi-trailer (up to 40 tons) to reach site (14' width, 70' length, and 14' in height). If path to site is over existing utilities, sidewalks, or other damageable areas, proper marking, plating or other appropriate protection must be provided by and paid for by CLIENT. CLIENT is responsible for removing any overhead obstructions (i.e. power lines, trees). CLIENT is responsible for scheduling and paying for the de-energizing of any power lines, if power lines are not de-energized in a timely manner any additional truck and / or crane cost will be the responsibility of the Client. Upon agreed delivery schedule client will be responsible for

additional crane and trucking charges if any delays are incurred due to weather, lack of inspections, lack of pad being prepared, or any other cause for delay.. This proposal provides for a 110 ton crane with access to within 25' of the building pad. The proposal is based on four (4) hours of crane time. If access is limited a larger crane may be required. All additional crane costs shall be borne by the CLIENT. A direct route to the project site is assumed. Should routes be altered due to road closures or restrictions, additional fees may apply.

4. UTILITIES:

Bring water, sewer, and power (if applicable) utilities into point of connection Christy boxes (supplied by RFL), within six feet of the building line at the location shown on our plan.

- 4.1. Water: RFL will furnish a water point of connection (isolation valve), from mechanical chase to a Christy box six feet from the building line. CLIENT must have a licensed plumber install and connect service to valve.
- 4.2. Sewer: RFL will furnish a sewer point of connection from mechanical chase to a Christy box six feet from the building line. CLIENT must have a licensed plumber install and connect service. Depth of sewer line (below finished floor elevation) will be approximately 30" at bottom of sewer line at a distance of 6' from building. It is the responsibility of the Client to meet up with RFL's supplied sewer line at this depth. Client will be responsible for hiring of licensed plumber to acquire appropriate plumbing permit, to install prefabricated underground plumbing kit into pre dug trench, and to make connections between underground stubups and internal building plumbing located in plumbing chase within the building. RFL installer will be on site to answer any questions or give direction as to proper installation of said plumbing kit as requested by licensed plumber or client.
- 4.3. Electrical: (when this option is chosen) RFL will furnish and install a PVC conduit and a Christy box to the point of connection six feet from the building line. CLIENT to pull the electrical service line through the conduit and connect to the main panel lugs inside the building. All electrical inside the building will be furnished and installed by RFL, except as noted above in exclusions.
- 4.4. If the utilities are not available and connected to building when we depart the site, an additional charge will be billed to the CLIENT in the amount of 1,500 per day to send an installation crew back to site to flush out plumbing lines, pressurize building plumbing, test for leaks, test all other components of the building (plumbing, sewer, electrical), and conduct a final walk through of the building.
- 4.5. A minimum 1½" line with 50 gpm at 60 psi pressure minimum is required to ensure that water closets will operate as designed. If this is not available an auxiliary holding tank may be required.