

## The North Star Farm Tour Hand Stand DIY Plan

North Star Farm Tour is a farmer-owned, 501c3 educational nonprofit connecting people with farm life. It is our obligation by law, rule and common sense to professionalize agritourism with best practices for farm safety and public health as we extend the most inclusive invitation possible for all people to enjoy a fun, safe, good time. In 2019, our Farm Safety & Health Project led us to get every member certified through [SaferFaces@state.mn.us](mailto:SaferFaces@state.mn.us) and design a user-friendly handwashing station for every farm. The posters on each side include a QR code that links to translations to “Reach & Teach Everyone.” In 2020, all of our public activities are canceled but this work is more important than ever. Effective handwashing is literally a life-and-death habit for people to avoid COVID-19 worldwide.

We are indebted to the Farm Safety & Health Project sponsors: Minnesota Dept of Health; Minnesota Dept of Agriculture/Minnesota Grown; Upper Midwest Agriculture Safety & Health--Univ of MN; Mayo Clinic Health System; Culligan Red Wing; Culligan UltraPure; Menard’s of Red Wing; Hirshfield’s; Windswept Hill Farm; Clear Spring Farm; Runnings. We are also grateful to Jonathan Chan, who designed this construction plan from our notes.

For more information contact us at [northstarfarmtour@gmail.com](mailto:northstarfarmtour@gmail.com) or visit [www.NorthStarFarmTour.org](http://www.NorthStarFarmTour.org)



NORTH STAR



FARM TOUR

The NSFT  
Farm Safety  
&  
Health Project  
Hand Stand

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PROJECT:  
DIY HAND WASHING  
STATION

DRAWING TITLE:  
COVER PAGE

SCALE: N/A	DESIGNED BY: MELODEE SMITH & WENDY WUSTENBERG
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DATE: APRIL 24, 2020	
DRAWING # <b>1</b>	SHEET # <b>1.0</b>



**SCREWS NEEDED:**

#9 x 3" QTY: 46  
 #9 x 2-1/2" QTY: 8  
 1-1/4" QTY: 16

**LIST OF MATERIALS**

- (A) LEGS**  
 2x4 30"L  
 Notch: 3/8"D x 1" along length of Legs QTY: 4
- (B) BRACES**  
 2x4 22-3/4"L QTY: 4
- (C) BRACES**  
 2x4 17-3/4"L QTY: 4
- (D) TOP (w/ rounded corners)**  
 24"D x 28"W x 3/4"H QTY: 1
- (E) SIDE PANELS**  
 17-3/4"W x 28-1/2"H x 3/8"D QTY: 2
- (F) POSTER HOLDER GLIDES**  
 (w/ rounded edge on Front & Back face)  
 1"W x 2"H x 21"D  
 Notch: 1/4"W x 1"H x 21"D QTY: 4
- (G) HARDWARE & FITTINGS**
  - Towel Holder is 1/2" x 12" threaded pipe, 1/2" escutcheon, 1/2" cap QTY: 1 Each
  - 3/4" D-Ring Latches QTY: 2
  - Plastic Fence Feeder Bucket (drilled to receive PVC plumbing fittings) QTY: 1
  - PVC Drain assembled w/ 3/4" Close Schedule 80 1-1/4" x 3/4" bushing) QTY: 1 Each
  - Bungee Cord 1" adjustable QTY: 1
  - Portable Water Dispenser 5 Gallons or less QTY: 1
  - 5 Gallon Plastic Bucket w/ lid (drilled to receive wastewater) QTY: 1 Each
  - 18 x 13 x 5 Sterlite Bus Tub for storage QTY: 1
- (H) FINISHING TOUCHES -**  
**Download at UMASH.com or NorthStarFarmTour.org** QTY: 2
  - Handwashing Posters w/ Scan Code Link to many languages (Download at UMASH.com or NorthStarFarmTour.org)
  - Decals for water dispenser and fence feeder
  - Customizable Welcome Banner w/ Safety Messages 4' x 2' QTY: One Set



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PROJECT:

**DIY HAND WASHING  
 STATION**

DRAWING TITLE:

**LIST OF MATERIALS**

SCALE:  
 N/A

DESIGNED BY:  
 MELODEE SMITH  
 &  
 WENDY  
 WUSTENBERG

DATE: APRIL 24, 2020

DRAWING #

SHEET #

**1**

**2.0**



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PROJECT:

DIY HAND WASHING  
STATION

DRAWING TITLE:

DIAGRAM

SCALE:

N/A

DESIGNED BY:

MELODEE SMITH  
&  
WENDY  
WUSTENBERG

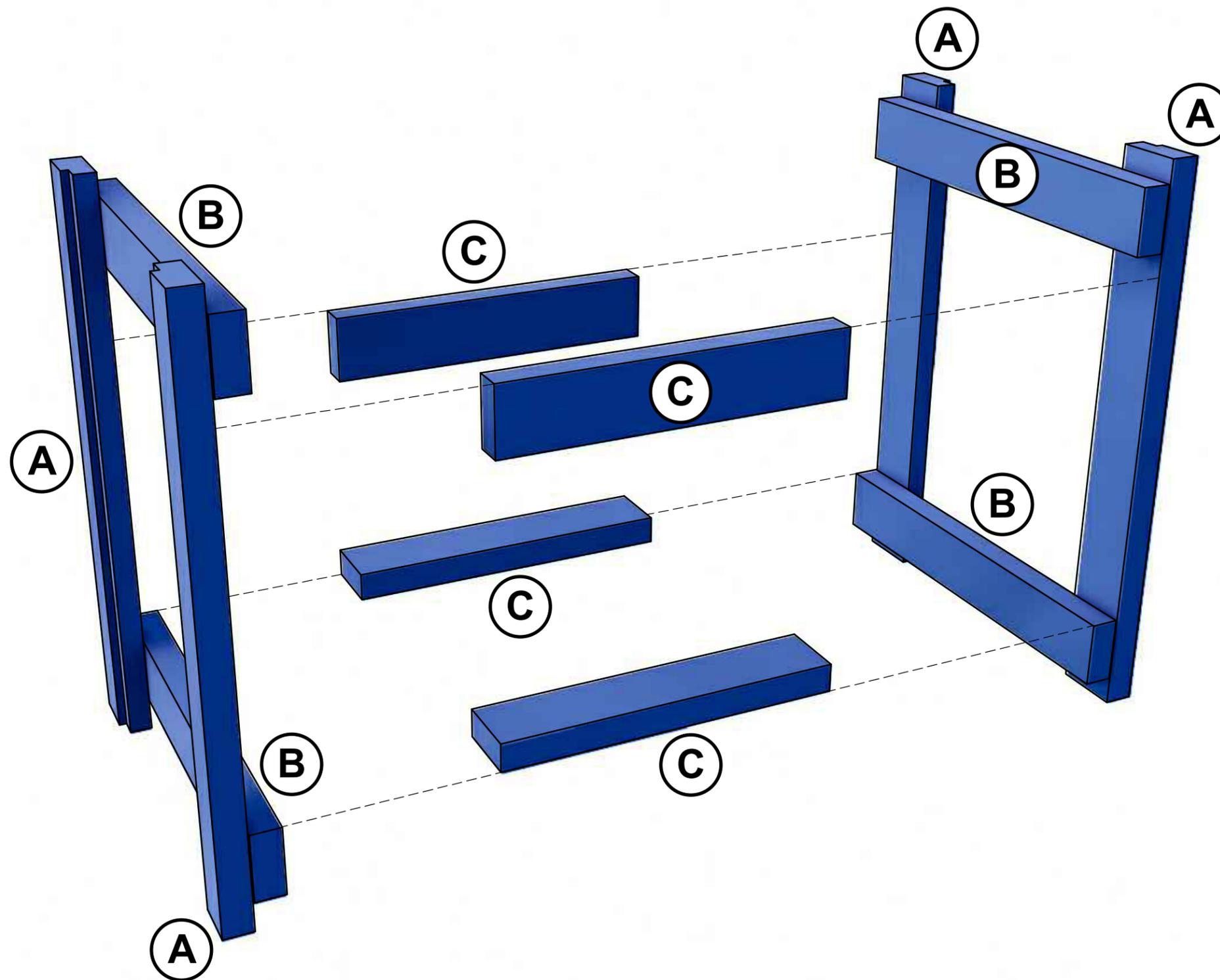
DATE: APRIL 24, 2020

DRAWING #

**1**

SHEET #

**3.0**





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PROJECT:

DIY HAND WASHING  
STATION

DRAWING TITLE:

DIAGRAM

SCALE:

N/A

DESIGNED BY:

MELODEE SMITH  
&  
WENDY  
WUSTENBERG

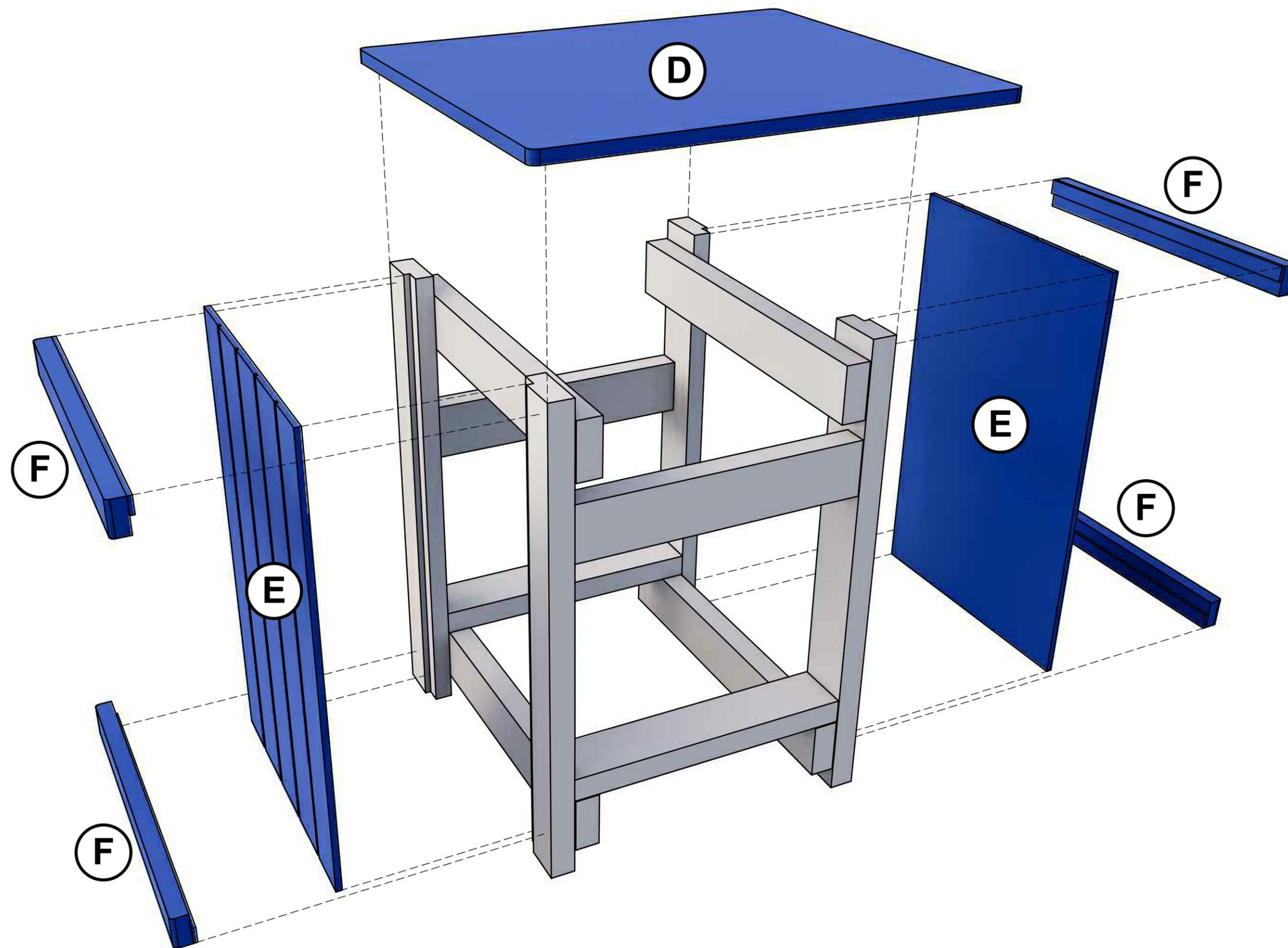
DATE: APRIL 24, 2020

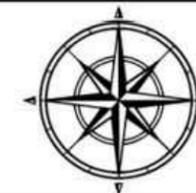
DRAWING #

1

SHEET #

4.0





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PROJECT:

**DIY HAND WASHING  
STATION**

DRAWING TITLE:

**CONSTRUCTION  
DRAWINGS**

SCALE:  
AS NOTED

DESIGNED BY:  
MELODEE SMITH  
&  
WENDY  
WUSTENBERG

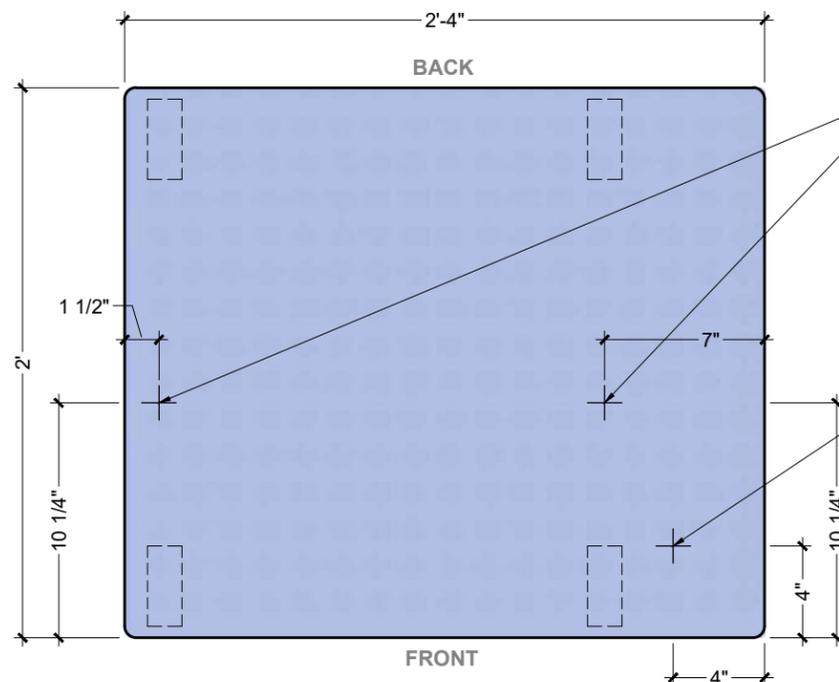
DATE: APRIL 24, 2020

DRAWING #

SHEET #

**1**

**5.0**

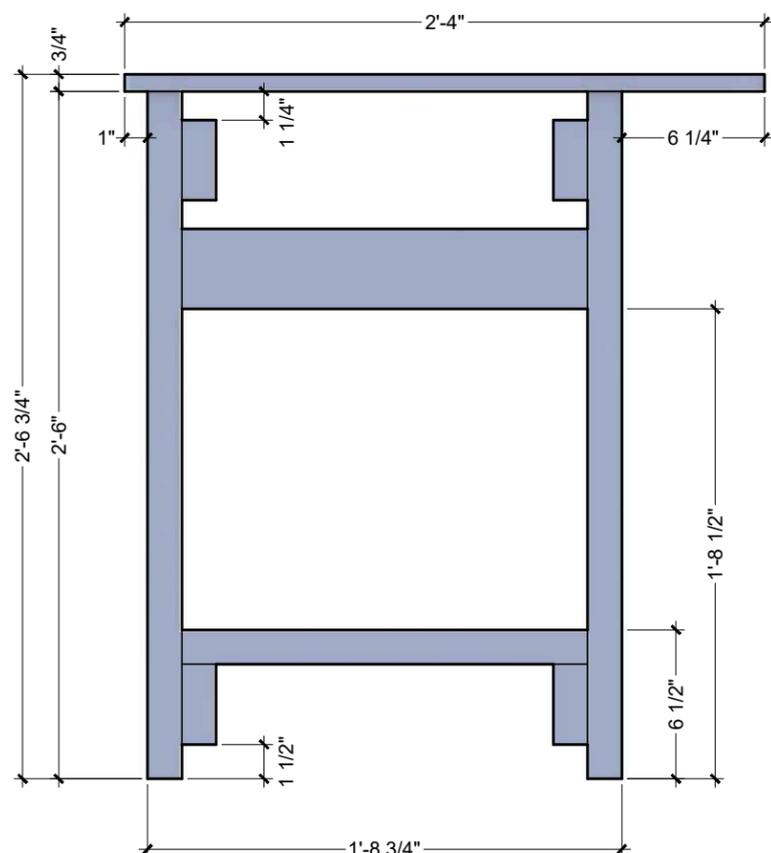


METAL BRACKETS w/ D-RINGS  
TO HOOK BUNGEE CORD TO  
STABILIZE WATER DISPENSER

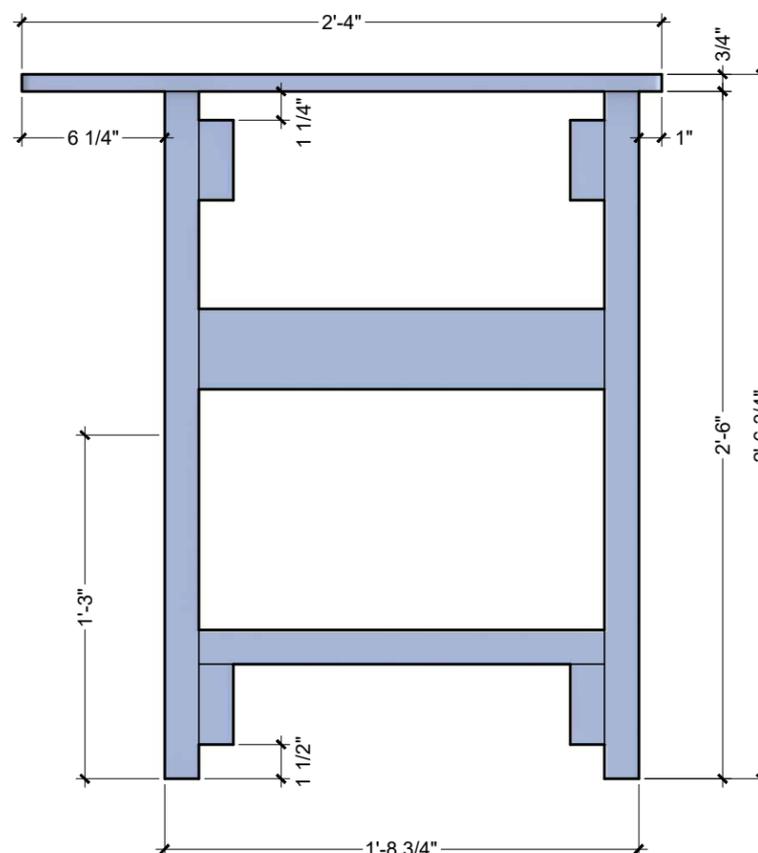
**IMPORTANT NOTE:**  
PLACEMENT OF D-RINGS IS DESIGNED TO STABILIZE  
WATER DISPENSER CROCK. MEASUREMENTS SHOULD  
BE MODIFIED TO FIT THE USER'S WATER DISPENSER.

CENTER OF GALVANIZED  
POST PAPER TOWEL HOLDER

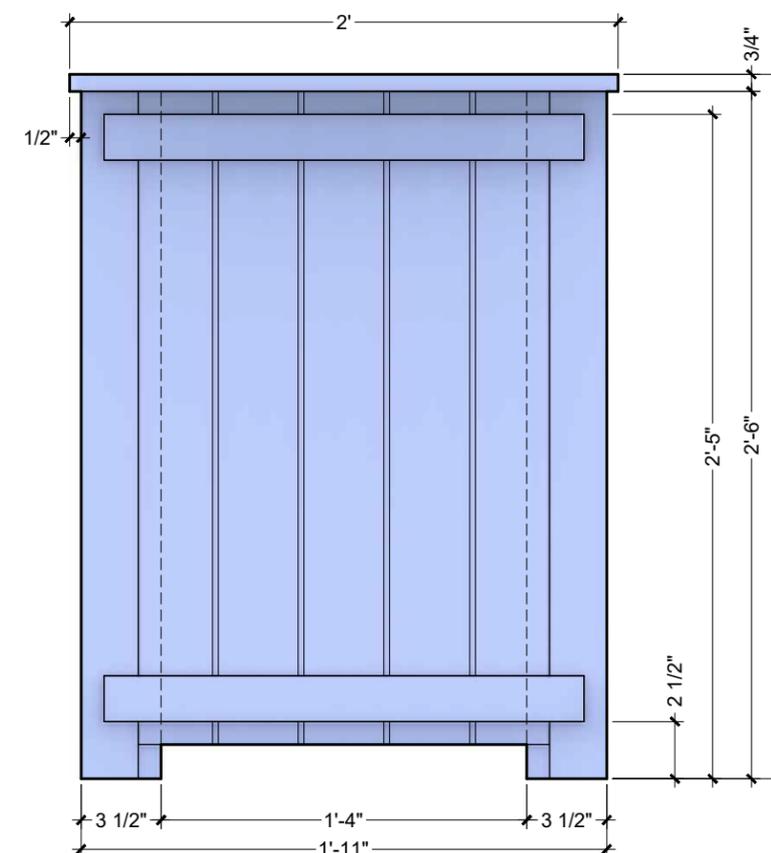
**1** TOP  
1-1/2" = 1'-0"



**2** FRONT  
1-1/2" = 1'-0"



**3** BACK  
1-1/2" = 1'-0"



**4** SIDES  
1-1/2" = 1'-0"