

**Region: 2**

**Location: NY051**

**CSS #: 596**

**Maximo Work Order No.: 17637**

**Asset #: NA**

**Date Issued: 5/31/22**

**Original Description: Repair multiple HVAC pipe leaks**

Labor and Materials to replace 40 ft of 3/4 inch copper tubing and fittings on the hot water recirculating line in the mechanical room leading into the hallway in order to be able to turn the hot water back on. Replace, 2- 2" dielectric nut unions, 6 - 1" dielectric unions and 2 - 1 1/2 " dielectric nut unions on the main heating loop for building, 2 - 2" ductile iron fittings, 2 - 1 1/2 " ductile fittings and 1 ductile reducing fitting in order to turn the heating loop back on. Then reinsulate all the piping and fix the wall that was damaged by the hot water recirculating line leak and paint, and replace all the ceiling tiles that were damaged by the leaks.

**RS Means Line Buildup and Labor Summary (Data Version 2017, Q4):**

Quantity	Line Item Number	Description	Labor Hours	Labor Rate/Hr	Materials	Equipment	Total
		Materials			\$ 4,324.48		\$4,324.48
--	NA	TWI Labor (Included Diagnostic)	28	\$80.00	--	--	\$2,240.00

**Estimate Summary:**

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
28	\$2,240.00	\$4,324.48	\$0.00	\$6,564.48	103%	<b>\$6,761.41</b>






Cart

Order Summary

Subtotal	\$3,462.66	Estimated Tax	N/A	Estimated Standard Shipping	FREE
Estimated Other Shipping	\$169.28				
Estimated Total <b>\$3,631.94</b>					


As a Red Pass Plus member, you're saving **\$173.55** in product discounts and are getting **FREE** standard shipping on this order.



VIEGA PROPRESS

Low Lead Bronze Di-electric Union, Press x FPT Connection Type, 1 in x 1 in Tube Size

Item # 5ULZ8



Availability

Expected to arrive **Fri. May 20.**


Qty

6

Your Price

**\$72.34** / each


Total **\$434.04**



VIEGA PROPRESS

Low Lead Bronze Di-electric Union, Press x FPT Connection Type, 1-1/2 in x 1-1/2 in Tube Size

Item # 5UMA0




Availability

Expected to arrive **Fri. May 20.**

Qty

2



Red Pass Plus Price

**\$89.67** / each


~~Price \$105.22~~

Total **\$179.34**

VIEGA PROPRESS

Qty

2

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1/7



**Low Lead Bronze Di-electric Union, Press x FPT Connection Type, 2 in x 2 in Tube Size**

Item # 5UMA1



Availability

Expected to arrive **Fri. May 20.**Total **\$297.18**

MUELLER INDUSTRIES

**10 ft. Hard Straight Copper Tubing, 7/8 in Outside Dia., 0.75 in Inside Dia.**

Item # 6KZ21

Availability

Expected to arrive **Fri. May 20.**

This item requires special shipping, additional charges may apply.

Qty  
4

Your Price

**\$62.94** / eachTotal **\$251.76**

MUELLER INDUSTRIES

**10 ft. Hard Straight Copper Tubing, 1 1/8 in Outside Dia., 1.025 in Inside Dia.**

Item # 6KZ22

Availability

Expected to arrive **Mon. May 23.**

This item requires special shipping, additional charges may apply.

Qty  
1

Your Price

**\$97.08** / each

MUELLER INDUSTRIES

**10 ft. Hard Straight Copper Tubing, 1 5/8 in Outside Dia., 1.505 in Inside Dia.**

Item # 3ZA95

Availability

Expected to arrive **Fri. May 20.**

This item requires special shipping, additional charges may apply.

Qty  
1

Your Price

**\$147.21** / each

MUELLER INDUSTRIES

**10 ft. Hard Straight Copper Tubing, 2 1/8 in Outside Dia., 1.985 in Inside Dia.**

Item # 3ZA96

Availability

Expected to arrive **Mon. May 23.**

This item requires special shipping, additional charges may apply.

Qty  
1

Your Price

**\$254.97** / each

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VIEGA PROPRESS

**Copper Coupling No Stop, Press x Press  
Connection Type, 3/4 in x 3/4 in Tube Size**

Item # 1RPH1

Availability

Expected to arrive **Fri. May 20.**Qty  
6

Red Pass Plus Price

**\$9.18** / each~~Price \$9.77~~Total **\$55.08**

VIEGA PROPRESS

**Copper Coupling No Stop, Press x Press  
Connection Type, 1 in x 1 in Tube Size**

Item # 1RPH2

Availability

Expected to arrive **Fri. May 20.**Qty  
6

Red Pass Plus Price

**\$11.32** / each~~Price \$12.98~~Total **\$67.92**

VIEGA PROPRESS

**Copper Coupling No Stop, Press x Press  
Connection Type, 1-1/2 in x 1-1/2 in Tube Size**

Item # 1RPH4

Availability

Expected to arrive **Fri. May 20.**Qty  
4

Red Pass Plus Price

**\$28.86** / each~~Price \$31.59~~Total **\$115.44**

VIEGA PROPRESS

**Copper Coupling No Stop, Press x Press  
Connection Type, 2 in x 2 in Tube Size**

Item # 1RPH5

Availability

Expected to arrive **Fri. May 20.**Qty  
4

Red Pass Plus Price

**\$28.85** / each~~Price \$32.69~~Total **\$115.40**

VIEGA PROPRESS

**Copper 90 Degree Elbow, Press x Press  
Connection Type, 3/4 in x 3/4 in Tube Size**

Item # 48RH53

Availability

Expected to arrive **Fri. May 20.**Qty  
6

Red Pass Plus Price

**\$5.28** / each~~Price \$5.71~~Total **\$31.68**

VIEGA PROPRESS

**Copper Tee, Press x Press x Press Connection  
Type, 3/4 in x 3/4 in x 3/4 in Tube Size**Qty  
2

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Item # 1RPZ7

Availability

Expected to arrive **Fri. May 20.**

Red Pass Plus Price

**\$8.48** / each~~Price \$9.32~~

VIEGA PROPRESS

**Low Lead Bronze Adapter, Press x MPT Connection Type, 3/4 in x 3/4 in Tube Size**

Item # 5UMC0

Availability

Expected to arrive **Fri. May 20.**Qty  
4

Red Pass Plus Price

**\$6.68** / each~~Price \$7.34~~Total **\$26.72**

OWENS CORNING

**Pipe Insulation Tape: 3 in Wd, 150 ft Lg, 0 to 150°F, Fiberglass**

Item # 4LFJ3

Availability

Expected to arrive **Fri. May 20.**Qty  
2

Red Pass Plus Price

**\$34.80** / each~~Price \$37.63~~Total **\$69.60**

OWENS CORNING

**Pipe Insulation: Fits 3/4 in Pipe Size, Fits 1 1/8 in Tube Size, 1 in Wall Thick, 0°F to 1000°F**

Item # 4LFD1



Availability

Expected to arrive **Fri. May 20.**Qty  
40

Red Pass Plus Price

**\$9.35** / each~~Price \$10.28~~Total **\$374.00**

JOHNS MANVILLE

**Pipe Insulation: Fits 1 1/2 in Pipe Size, 1 in Wall Thick, 0°F to 850°F, 3 ft Insulation Lg**

Item # 45NE17

Availability

Expected to arrive **Fri. May 20.**Qty  
6

Your Price

**\$14.81** / eachTotal **\$88.86**

OWENS CORNING

**Pipe Insulation: Fits 2 in Pipe Size, 1 in Wall Thick, 0°F to 1000°F, 6.1 Insulation Approx. R Value**

Item # 4LFD5

Qty  
4

Red Pass Plus Price

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Availability

Expected to arrive **Fri. May 20.**Total **\$48.44**

DAP

**Premium Lightweight Joint Compound: Pail, 1 gal Size, White**

Item # 10L498



Availability

Expected to arrive **Fri. May 20.**Qty  
2

Red Pass Plus Price

**\$20.20** / each~~Price \$22.21~~Total **\$40.40**

ARMSTRONG

**Ceiling Tile Touch-up Paint: For Fiber/Masonry/Drywall/Plaster, White, 8 oz Size, Latex**

Item # 5NTW4



Availability

Expected to arrive **Mon. May 23.**Qty  
2

Red Pass Plus Price

**\$25.78** / each~~Price \$28.22~~Total **\$51.56**

PREMIER

**Paint Brush: Angle Sash Brush, 2 in, Synthetic, Polyester**

Item # 55YE10

Availability

Expected to arrive **Fri. May 20.**Qty  
2

Your Price

**\$9.53** / eachTotal **\$19.06**

WOOSTER

**Paint Roller Cover: 9 in Lg, 3/16 in Nap Size, Woven Fabric, Pro/Doo-Z(R), Std**

Item # 3UW78

Availability

Expected to arrive **Fri. May 20.**Qty  
2

Red Pass Plus Price

**\$5.50** / each~~Price \$6.70~~Total **\$11.00**

SHUR-LINE

**Paint Roller Frame: Std, 9 in, Easy Release Cage Roller Frame, Threaded/Comfortable Grip**Qty  
1

Your Price

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Item # 12G317

Availability

Expected to arrive **Fri. May 20.**

ABILITY ONE

**Deluxe Paint Tray: 11 in Overall Wd, 1 qt Capacity, 11 1/2 in Overall Lg**

Item # 22N712



Availability

Expected to arrive **Fri. May 20.**Qty  
1Your Price  
**\$8.52** / each

GRAINGER APPROVED

**Paint Tray Liner: 11 1/2 in Overall Wd, 1 qt Capacity, 15 1/2 in Overall Lg, 10 PK**

Item # 24K690

Availability

Expected to arrive **Fri. May 20.**Qty  
1**RED PASS PLUS**  
Red Pass Plus Price  
**\$10.86** / pkg. of 10  
~~Price \$11.70~~

ARMSTRONG

**Ceiling Tile: Cortega, 24 in Lg, 24 in Wd, Angled Tegular Edge, 15/16 in Grid Size, 16 PK**

Item # 5NGJ8



Availability

Expected to arrive **Fri. May 20.**Qty  
2**RED PASS PLUS**  
Red Pass Plus Price  
**\$90.50** / pkg. of 16  
~~Price \$108.05~~  
**Total \$181.00**

RIDGID

**Manual Cutting Action Tubing Cutter, Cutting Capacity 1/4 in to 1-1/8 in**

Item # 1ATH7

Availability

Expected to arrive **Fri. May 20.**Qty  
1**RED PASS PLUS**  
Red Pass Plus Price  
**\$34.17** / each  
~~Price \$35.96~~

GRUVLOK

**Adapter: Ductile Iron, 1 1/2 in x 1 1/2 in Pipe Size, Grooved, Class 150, Orange**

Item # 60XR82

Qty  
1

Your Price




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Availability


Ships from supplier. Expected to arrive on or before **Mon. Jun 06.**



GRUVLOK

**High Pressure Systems Coupling: Ductile Iron, 2 in x 2 in Pipe Size, Grooved, Class 150**

Item # 60XN87



Availability


Ships from supplier. Expected to arrive on or before **Mon. Jun 06.**

Qty

1

Your Price

**\$48.00** / each



GRUVLOK

**Rigid Coupling: Ductile Iron, 2 in x 2 in Pipe Size, Grooved, Class 150, EPDM, Orange**

Item # 60XU30

Availability


Expected to arrive **Thu. May 26.**

Qty

1

Your Price

**\$41.41** / each



GRUVLOK

**Concentric Reducer Coupling: Ductile Iron, 2 in x 1 1/2 in Pipe Size, Grooved, Class 150**

Item # 60XR15

Availability


Ships from supplier. Expected to arrive on or before **Mon. Jun 06.**

Qty

1

Your Price

**\$67.70** / each



GRUVLOK

**Flexible Coupling: Ductile Iron, 1 1/2 in x 1 1/2 in Pipe Size, Grooved, Class 150, EPDM**

Item # 60XN76

Availability

Ships from supplier. Expected to arrive on or before **Mon. Jun 06.**


Qty

1

Your Price

**\$46.33** / each

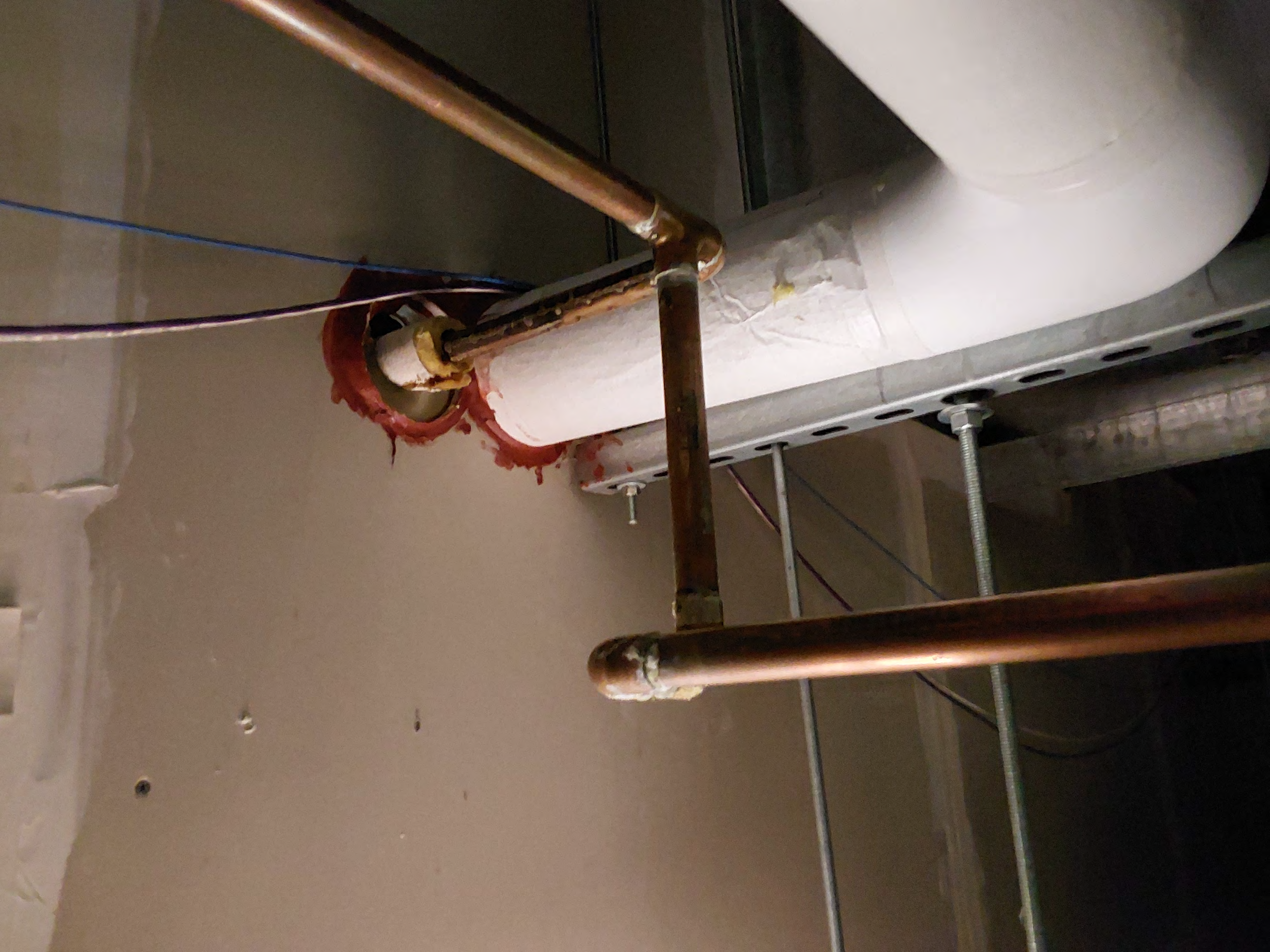
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DOMESTIC HOT WATER

DOMESTIC COLD WATER















