

Region: 2

Location: NY051

CSS #: 596

Maximo Work Order No.: 17637

Asset #: NA

Date Issued: 06/07/2022

Original Description: Repair multiple HVAC pipe leaks

Repairs Needed:

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
--	NA	Materials (see attached detail)	--	--	\$4,259.09	--	\$4,259.09
--	NA	TW Labor (Includes 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	\$4,259.09		\$6,499.09	103%	\$6,694.06

Shipping \$169.28

Estimated Total \$3,631.94

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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**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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Availability

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

DAP

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

Item # 10L498

Qty
2**RED PASS**
PLUS

Red Pass Plus Price

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

Availability

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

ARMSTRONG

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

Item # 5NTW4

Qty
2**RED PASS**
PLUS

Red Pass Plus Price

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

Availability

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

PREMIER

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

Item # 55YE10

Qty
2

Your Price

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

Availability

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

WOOSTER

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

Item # 3UW78

Qty
2**RED PASS**
PLUS

Red Pass Plus Price

\$5.50 / each~~Price \$6.78~~Total **\$11.00**

Availability

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



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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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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<https://www.grainger.com/cart>

6/7



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**

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[Clear Cart](#)[Chat with an Agent](#)









DOMESTIC HOT WATER

DOMESTIC COLD WATER







DOMESTIC COLD WATER

WERNER

WERNER

