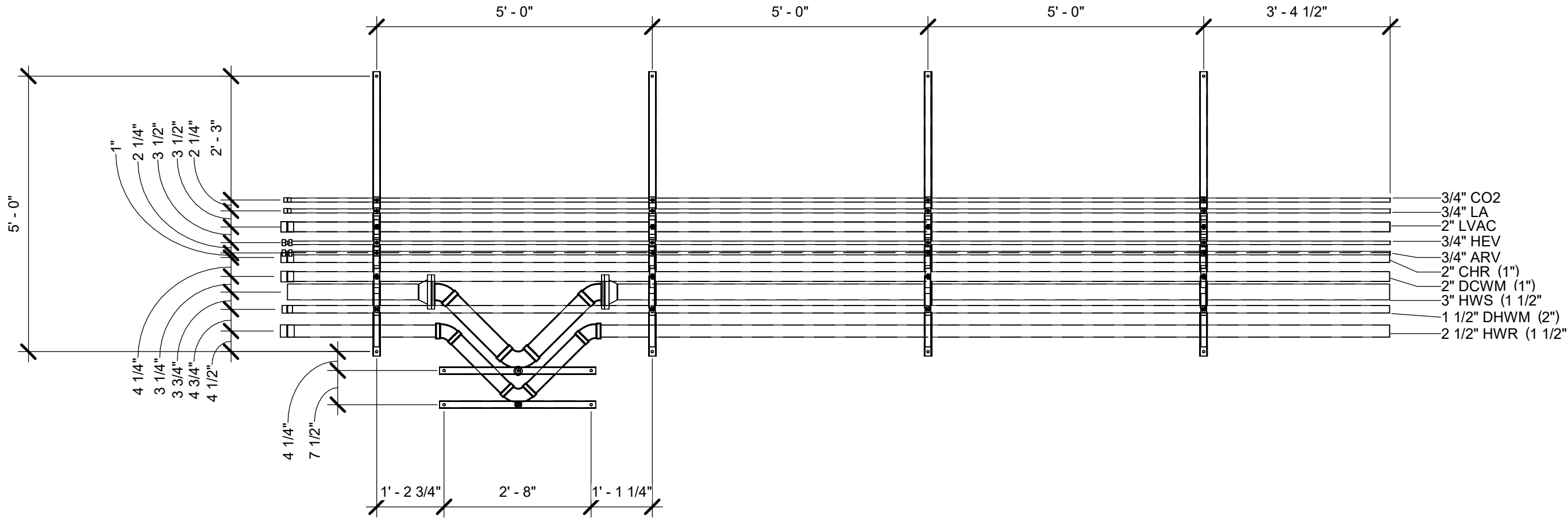
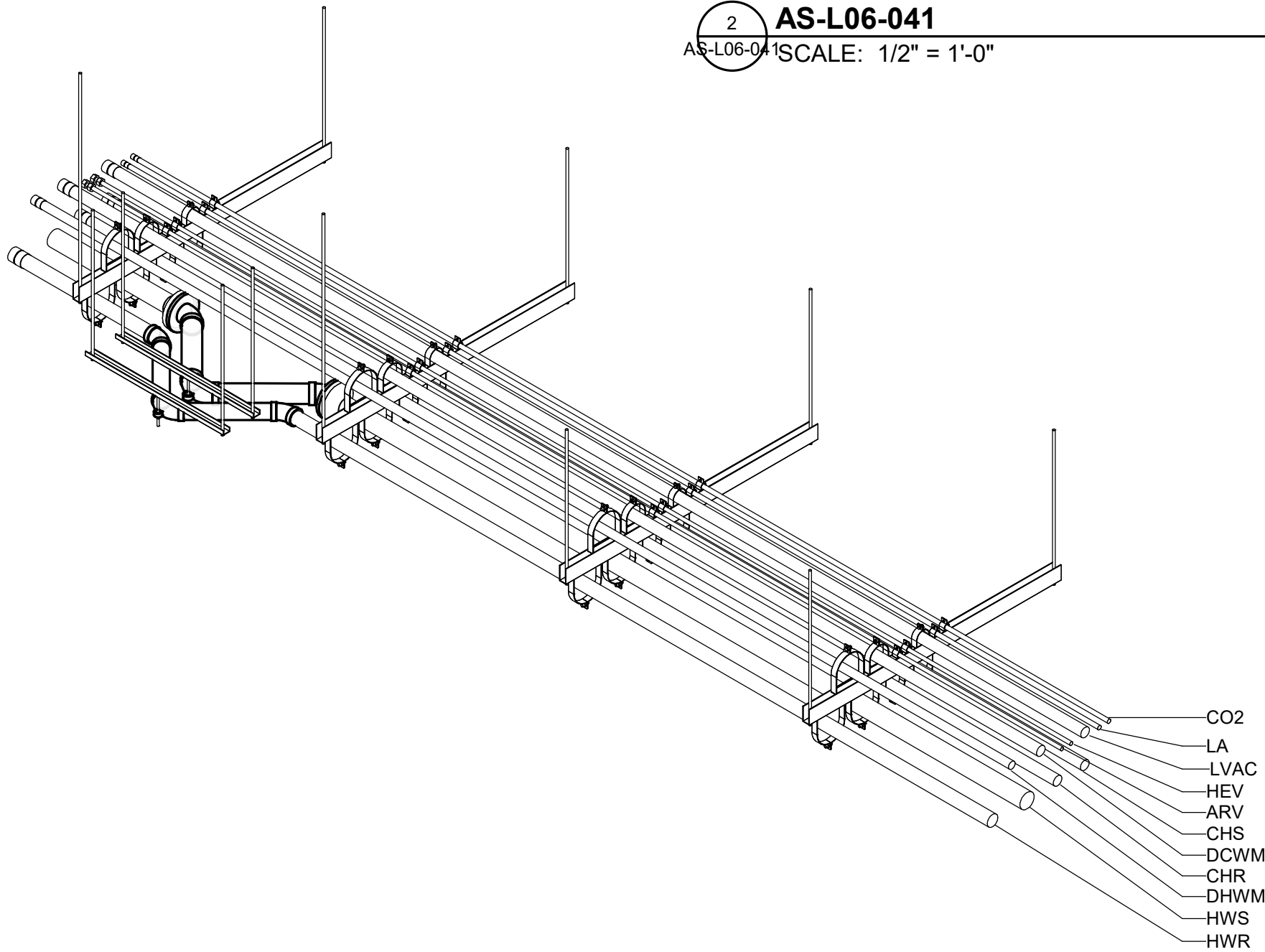


BIM 360/WUSM NRBWUSM\_RB\_SPOOLING MASTER.rvt  
11/8/2021 9:38:45 AM



2 AS-L06-041  
AS-L06-041 SCALE: 1/2" = 1'-0"



1 AS-L06-041 - ISOMETRIC  
AS-L06-041 SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB  
TICKET: AS-L06-041  
Drawn By: Author  
DATE: 10/27/21  
DATE REQ:

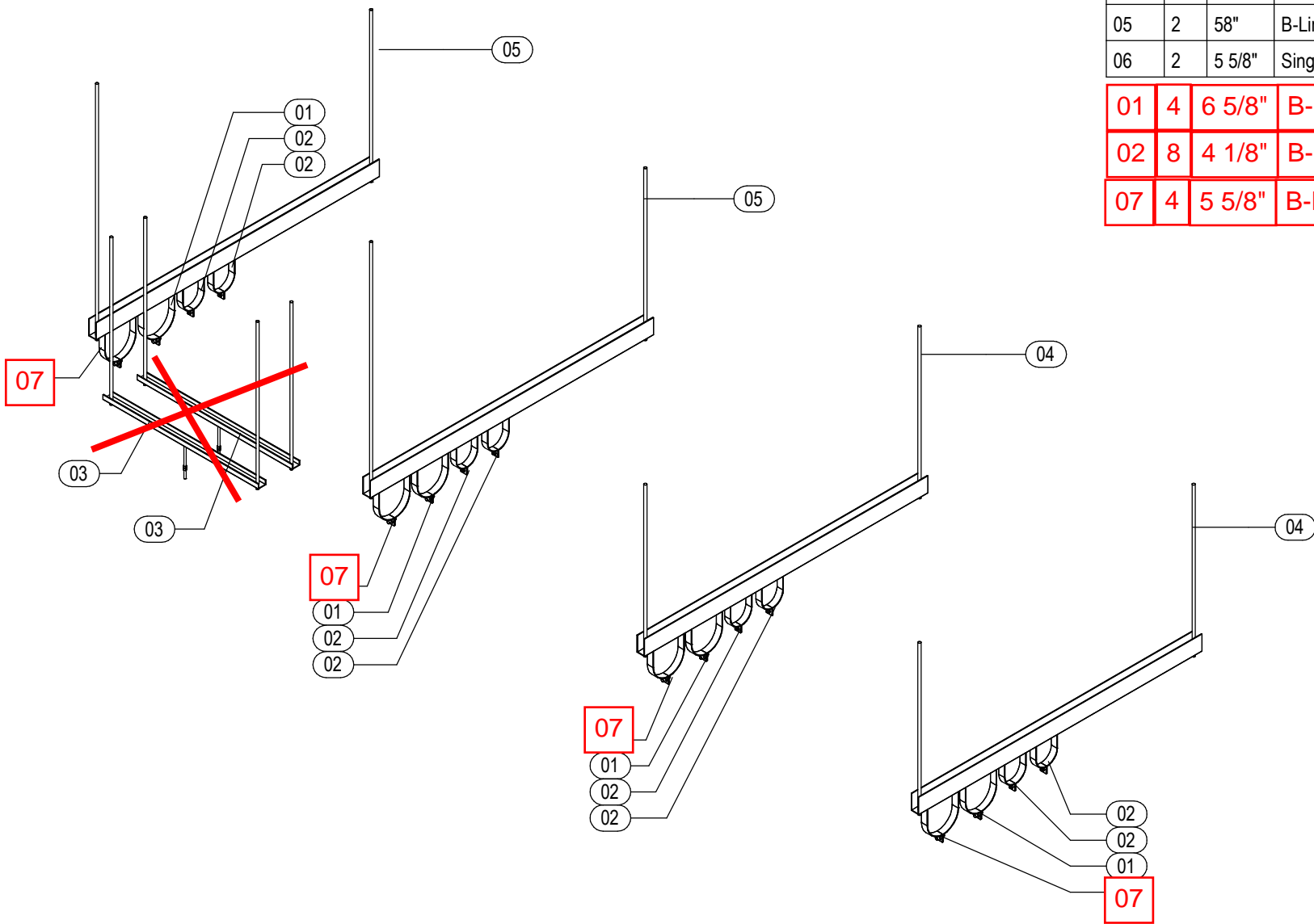


1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

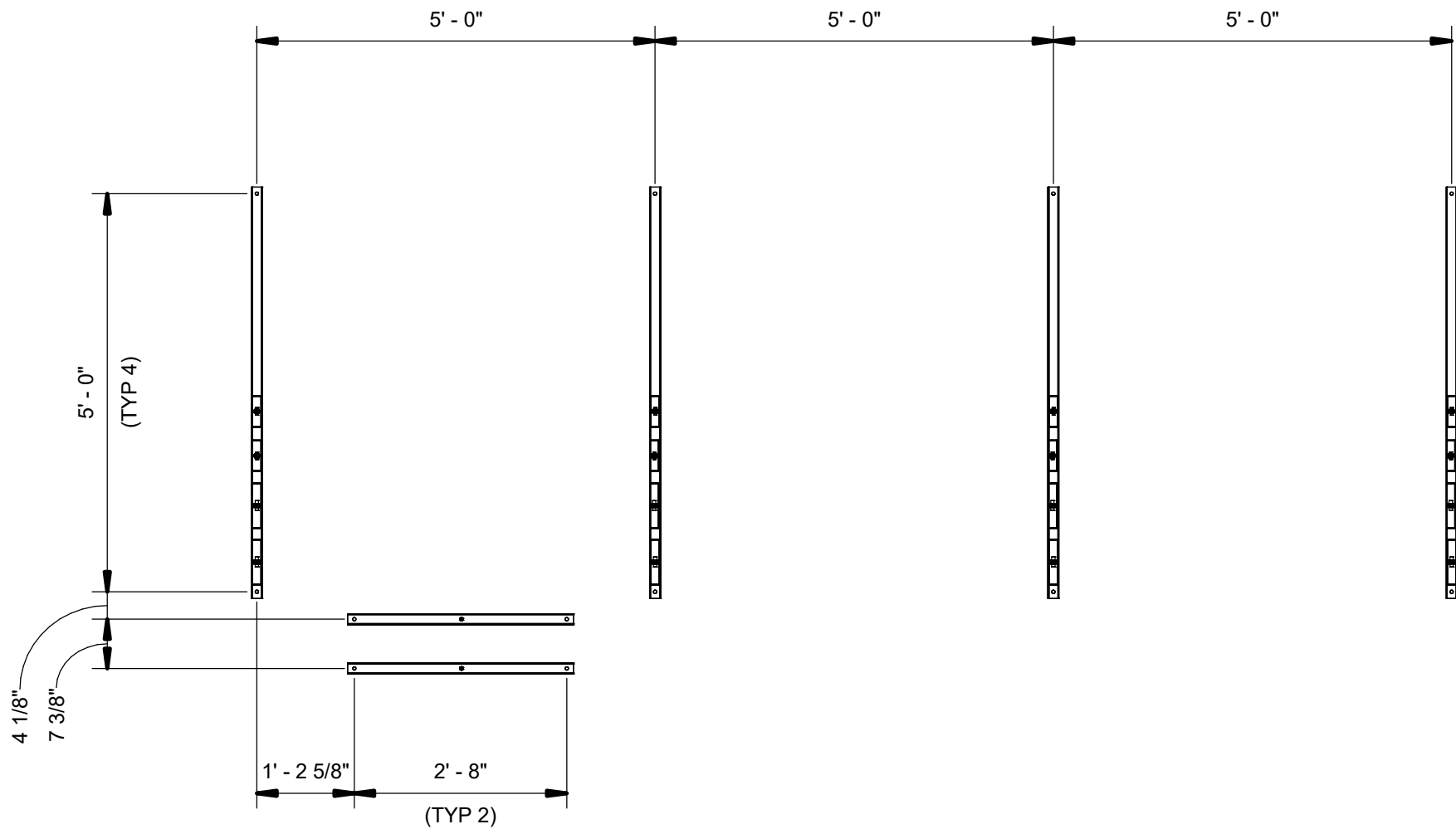
BIM 360//WUSM NRBWUSM RB HPF.rvt  
10/18/2021 11:11:04 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
<del>01</del>	<del>6</del>	<del>6"</del>	<del>B-Line D2000 ZN-Gal 10 Pipe Clamp</del>					
<del>02</del>	<del>6</del>	<del>4"</del>	<del>B-Line D2000 ZN-Gal 10 Pipe Clamp</del>					
<del>03</del>	<del>2</del>	<del>30"</del>	<del>B-Line 13/16 GRN 12GA 2in Slotted Unistrut</del>		<del>2' - 10"</del>	<del>2' - 7 3/4"</del>	<del>2' - 7 3/4"</del>	
04	2	58"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		5' - 2"	2' - 8 5/8"	2' - 8 5/8"	
05	2	58"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		5' - 2"	4' - 0 5/8"	2' - 8 5/8"	
06	2	5 5/8"	Single Rod 3_8		0"		0"	

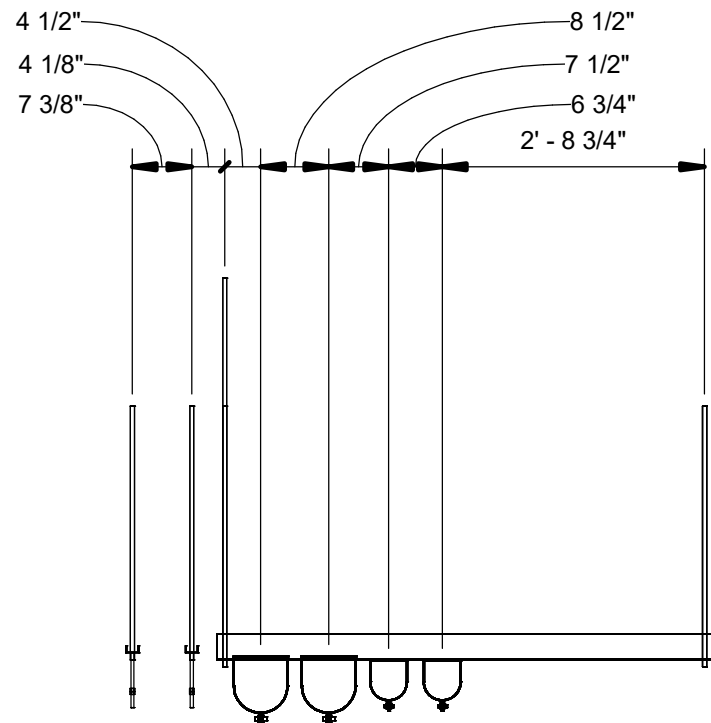
01	4	6 5/8"	B-LINE #2020
02	8	4 1/8"	B-LINE #2054
07	4	5 5/8"	B-LINE #2066



1 ISOMETRIC  
SCALE:



2 TOP VIEW  
SCALE: 1/2" = 1'-0"



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

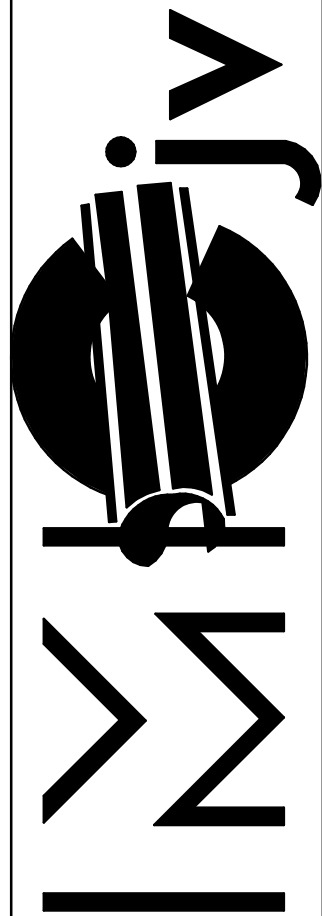
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: HPHGR-L06-041

Drawn By: Author

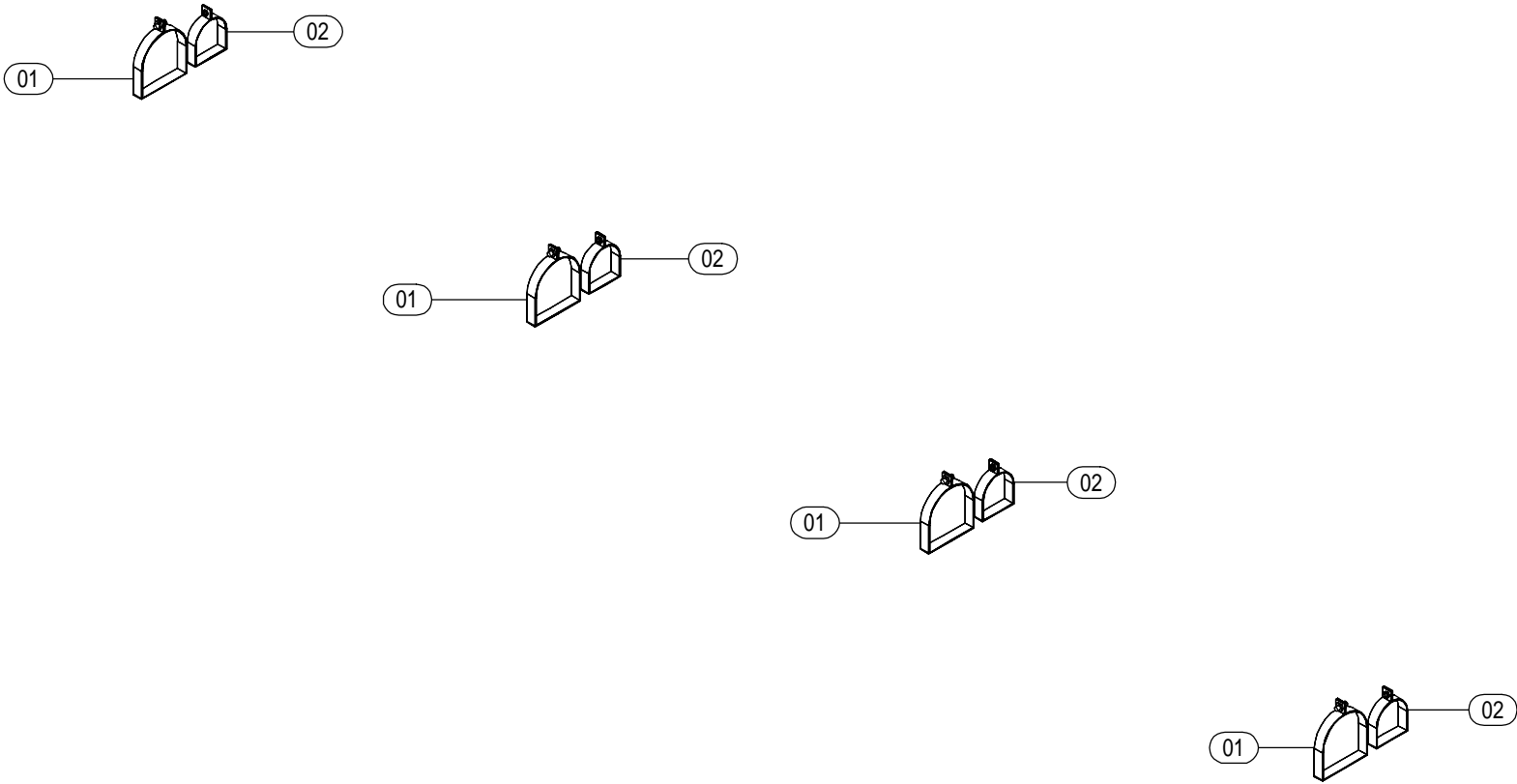
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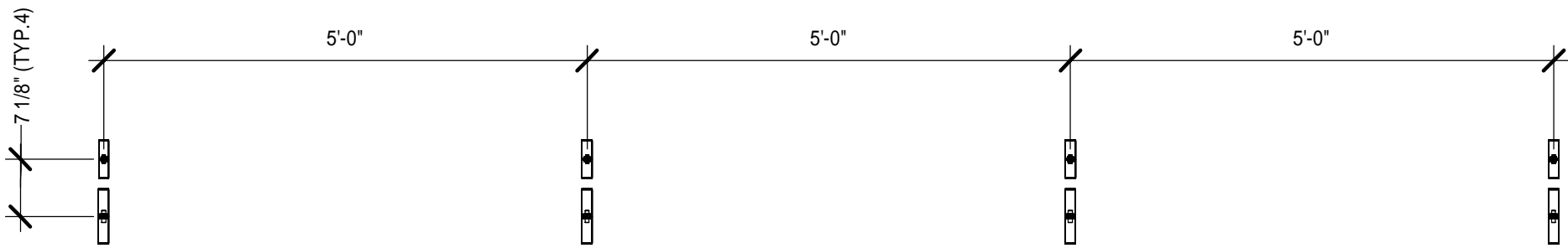
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_PLF.rvt  
27-10-2021 18:11:26

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
<del>01</del>	<del>4</del>	<del>6"</del>	<del>B-Line B2000 ZN Coh 40 Pipe Clamp</del>					
<del>02</del>	<del>4</del>	<del>4"</del>	<del>B-Line B2000 ZN Coh 40 Pipe Clamp</del>					
01	4	5 5/8"	B-LINE #2066					
02	4	4 5/8"	B-LINE #2058					



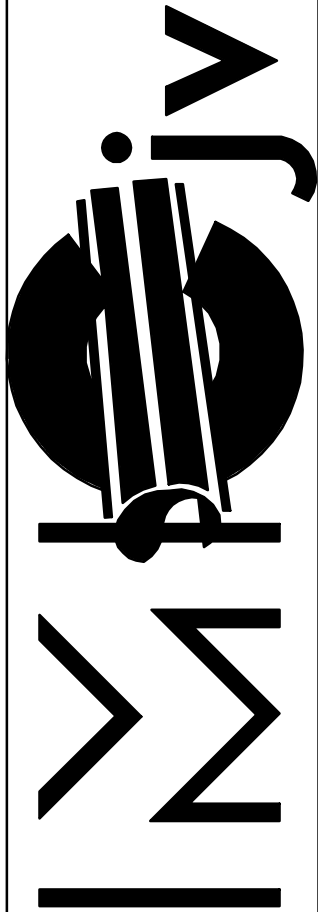
1 ISOMETRIC  
SCALE:



2 TOP VIEW  
SCALE: 1 : 20

A1	A3	B1	B3
A2	A4	B2	B4

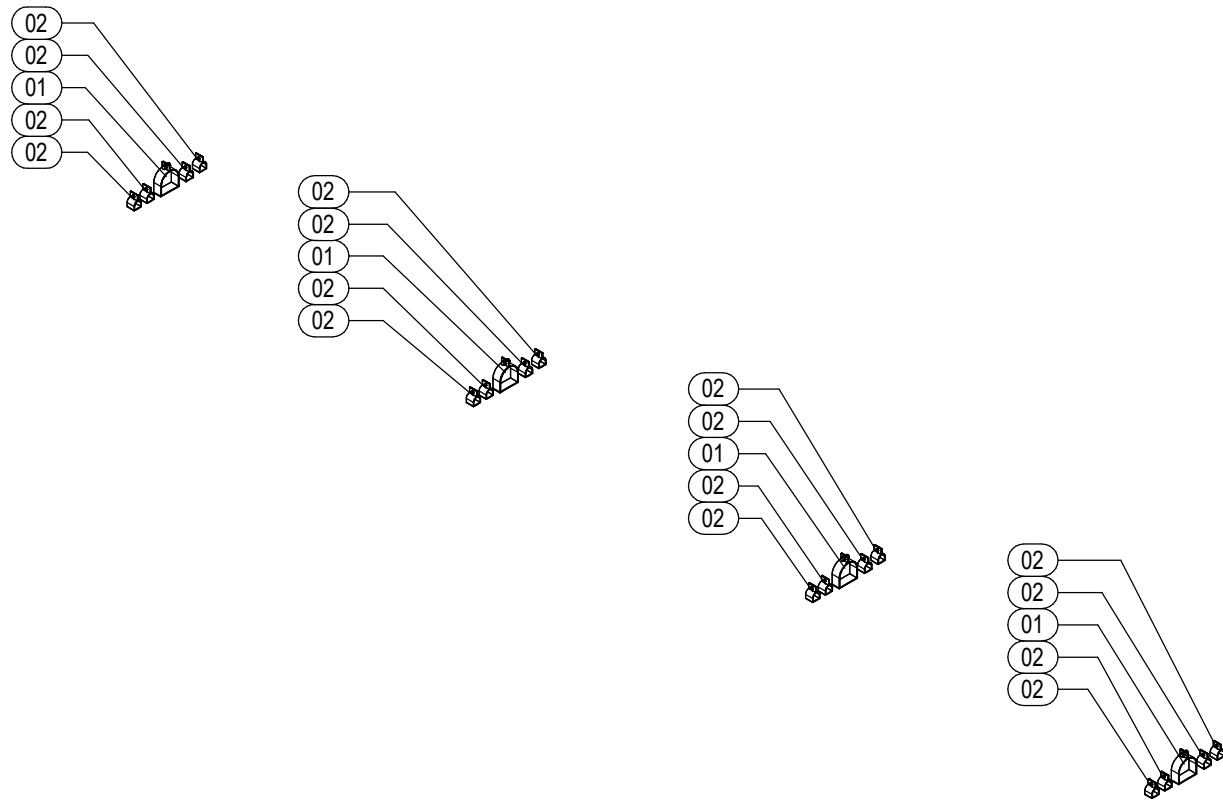
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TICKET:	PPHGR-L06-041
Drawn By: Author	
DATE: 10/27/21	DATE REQ:



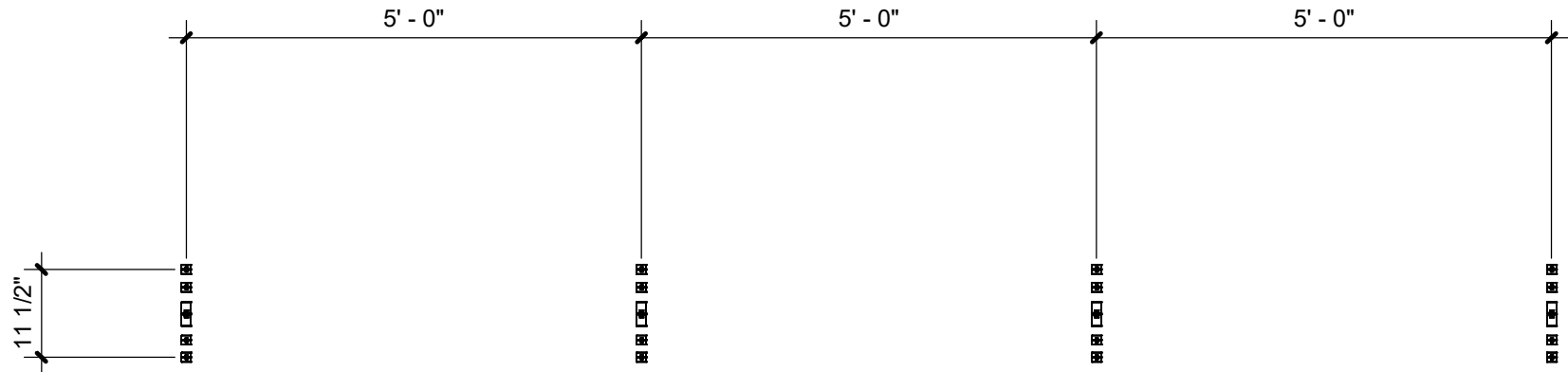
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

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11/3/2021 9:30:01 AM

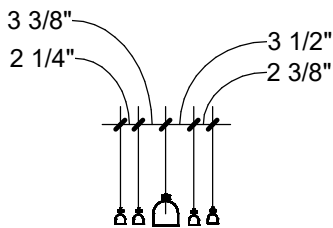
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	4	2.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
02	16	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					



1 ISOMETRIC  
SCALE:



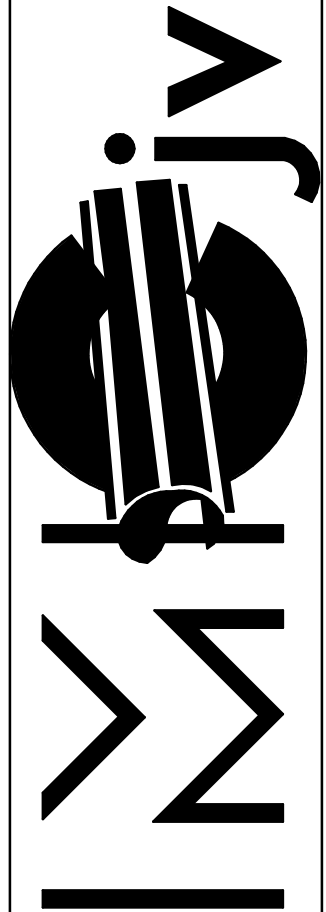
2 TOP VIEW  
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

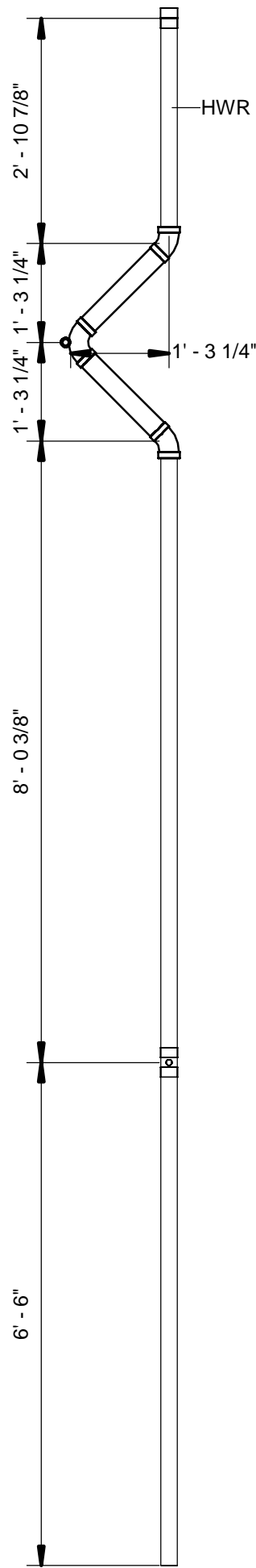
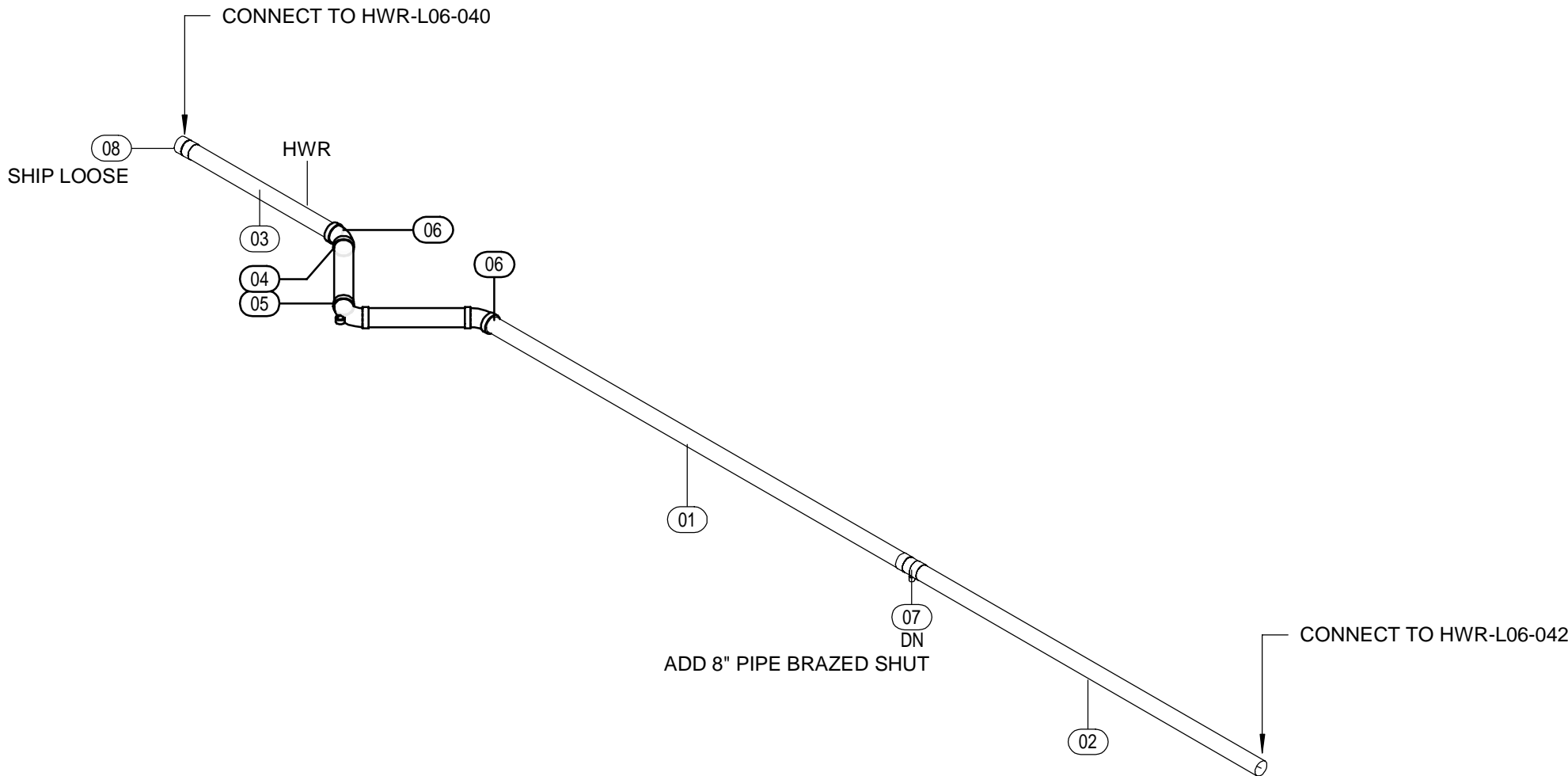
JOB:	WASH U NRB
TICKET:	PUHGR-L06-041
Drawn By: Author	
DATE: 10/19/21	DATE REQ:



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21-10-2021 11:44:24

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2 1/2"	Cerro Type K Hard Copper Pipe	7'-8 15/16"				1 1/2"
02	1	2 1/2"	Cerro Type K Hard Copper Pipe	6'-5 1/4"				1 1/2"
03	1	2 1/2"	Cerro Type K Hard Copper Pipe	2'-8 1/4"				1 1/2"
04	1	2 1/2"	V-Loop - Sweat Ends 3" Movement					0"
05	1		Generic Elbow with Support Bracket and Sockets					0"
06	2		Generic Elbow with Sockets					0"
07	1	2 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
08	1	2 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"

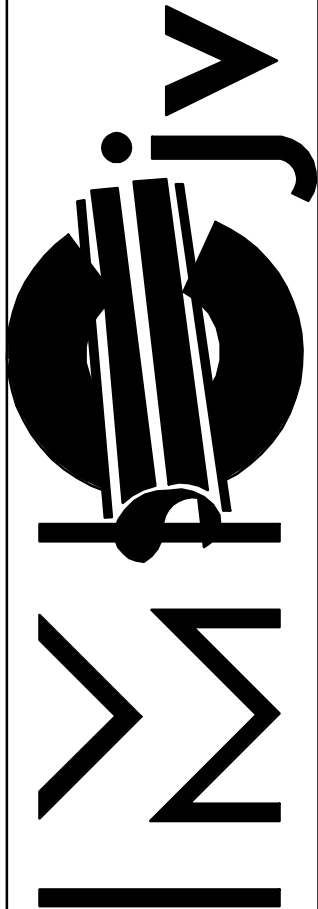


1 ISOMETRIC  
SCALE:

2 TOP VIEW  
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

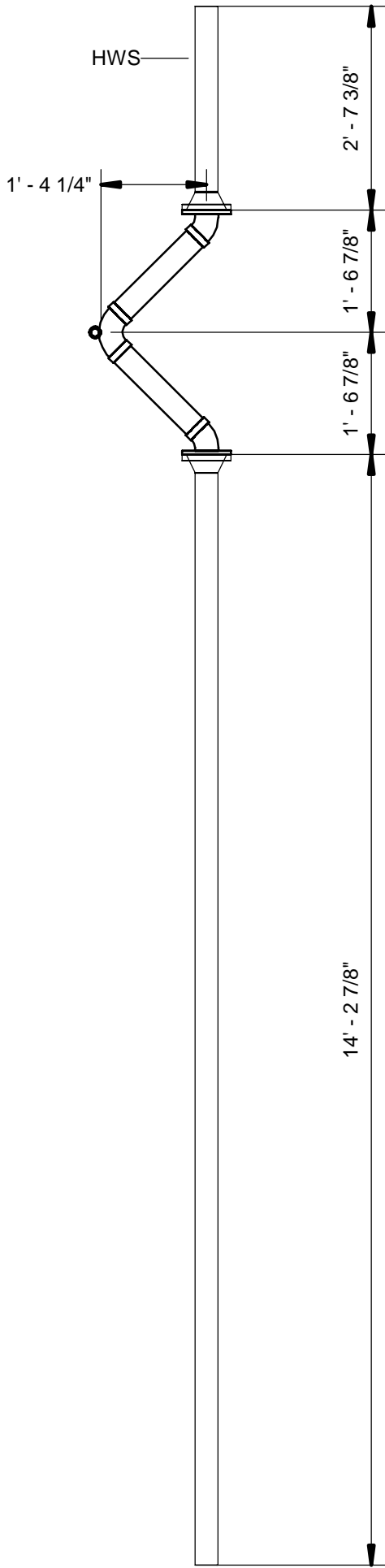
JOB:	WASH U NRB
TICKET:	HWR-L06-041
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
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BIM 360://WUSM NRBWUSM\_RB\_HPF.rvt  
21-10-2021 15:05:06

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	2'-4 1/2"				1 1/2"
02	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	14'-0"				1 1/2"
03	1	3"	V-Loop - Flanged Ends 3" Movement					0"
04	1		Generic Elbow with Support Bracket and Sockets					0"
05	2		Generic Elbow with Socket and Flange					0"
06	2	3"	Weldbend 150lb RF Sch 40 Bore SA105 CS WN Flg					1 1/2"

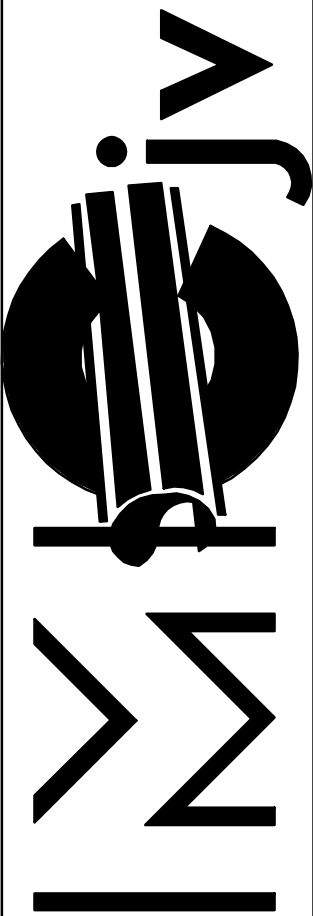


1 ISOMETRIC  
SCALE:

2 TOP VIEW  
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB  
TICKET: HWS-L06-041  
Drawn By: Author  
DATE: 10/21/21  
DATE REQ:



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BIM 360://WUSM NRB/WUSM\_RB\_PLF.rvt  
27-10-2021 18:15:51

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe Pressure Pipe	19'-11 7/8"				1"
02	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"

CONNECT TO DCWM-L06-040  
02  
SHIP  
LOOSE

DCWM

01

CONNECT TO DCWM-L06-042

DCWM

19'-11 7/8"

1 ISOMETRIC  
SCALE:

2 TOP VIEW  
SCALE: 1/2" = 1'-0"

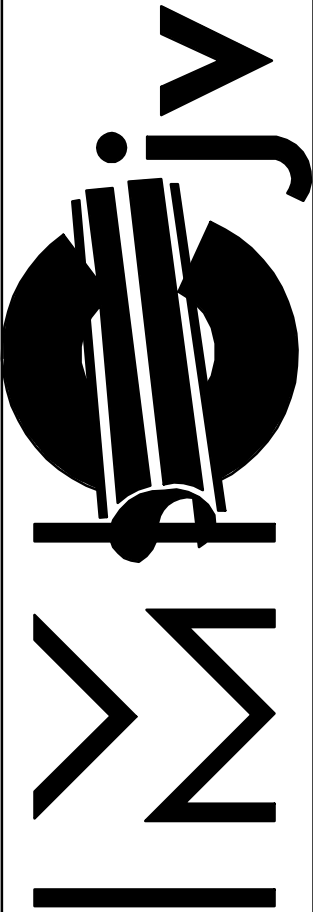
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A2	A4	B2	B4

JOB: WASH U NRB

TICKET: DCWM-L06-041

Drawn By: Author

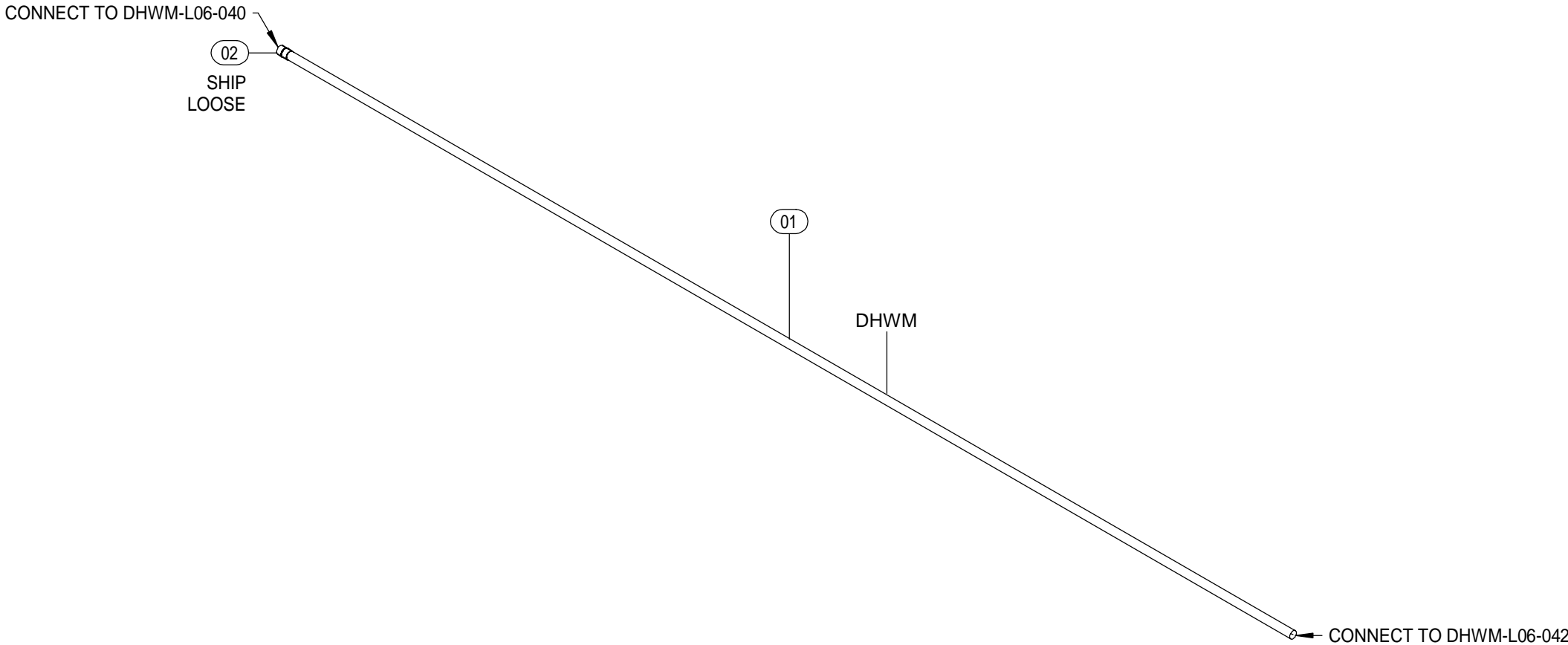
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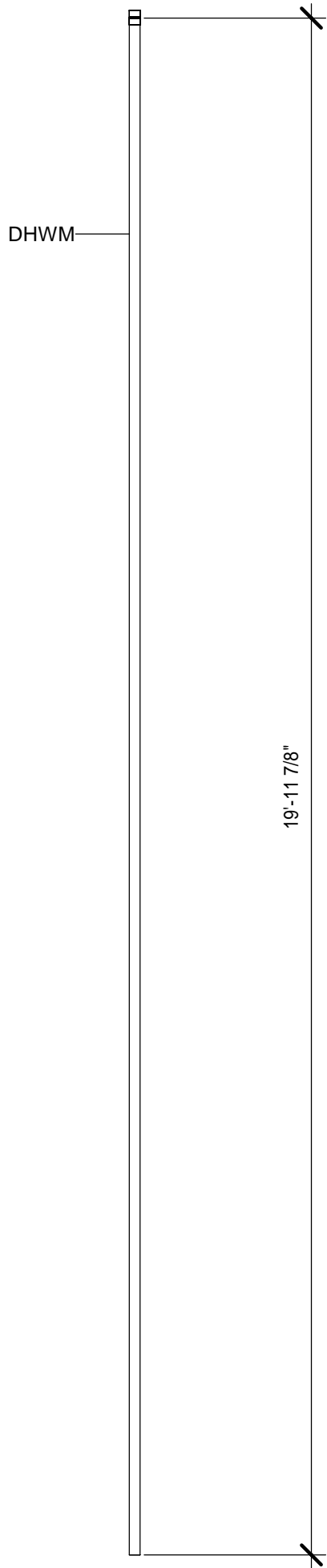
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB/WUSM\_RB\_PLE.rvt  
27-10-2021 18:17:33

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	19'-11 7/8"				2"
02	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"



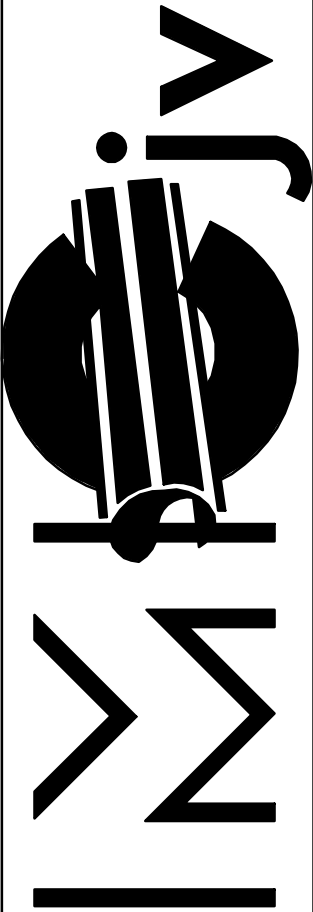
1 ISOMETRIC  
SCALE:



2 TOP VIEW  
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	DHWM-L06-041
Drawn By: Author	
DATE: 10/27/21	DATE REQ:

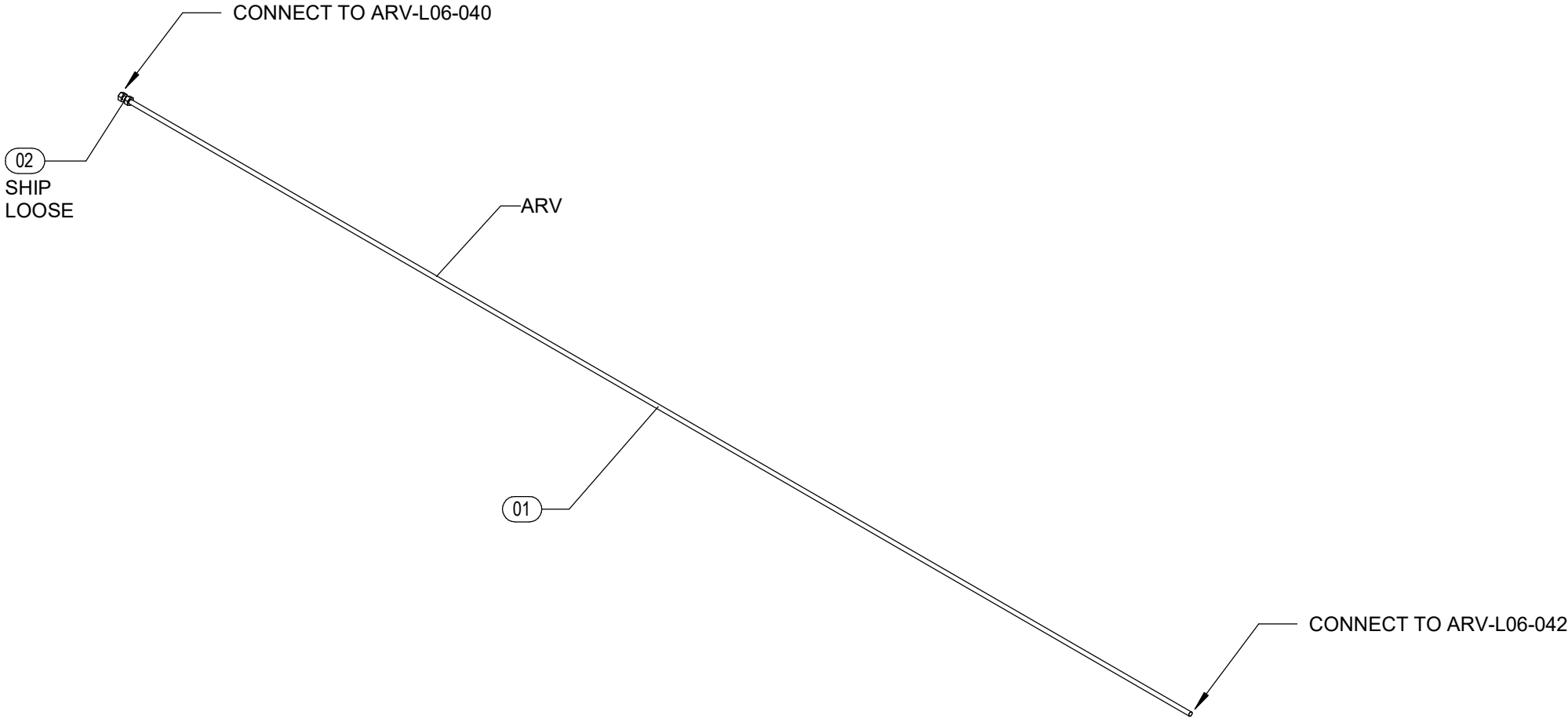


1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

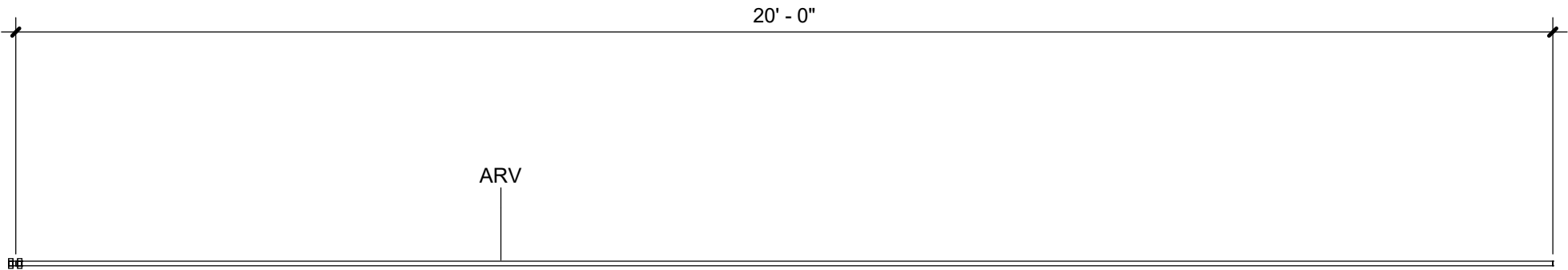


BIM 360://WUSM NRB\\WUSM\_RB\_PUF.rvt  
11/2/2021 3:25:01 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	20'-0"				
02	1	3/4"	Swagelok SS316 Compression Union Coupling					



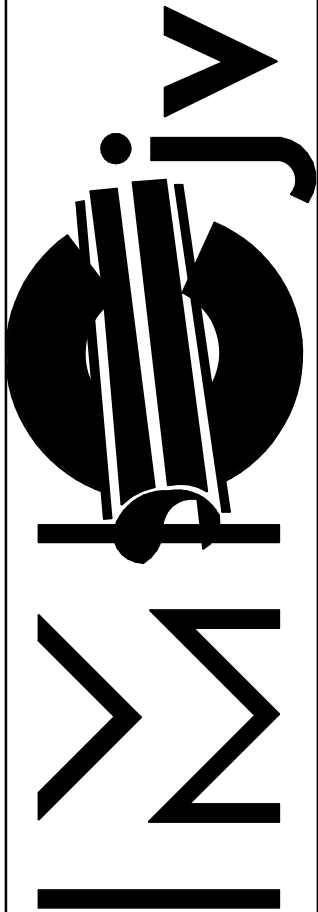
1 ISOMETRIC  
SCALE:



4 FRONT ELEVATION  
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

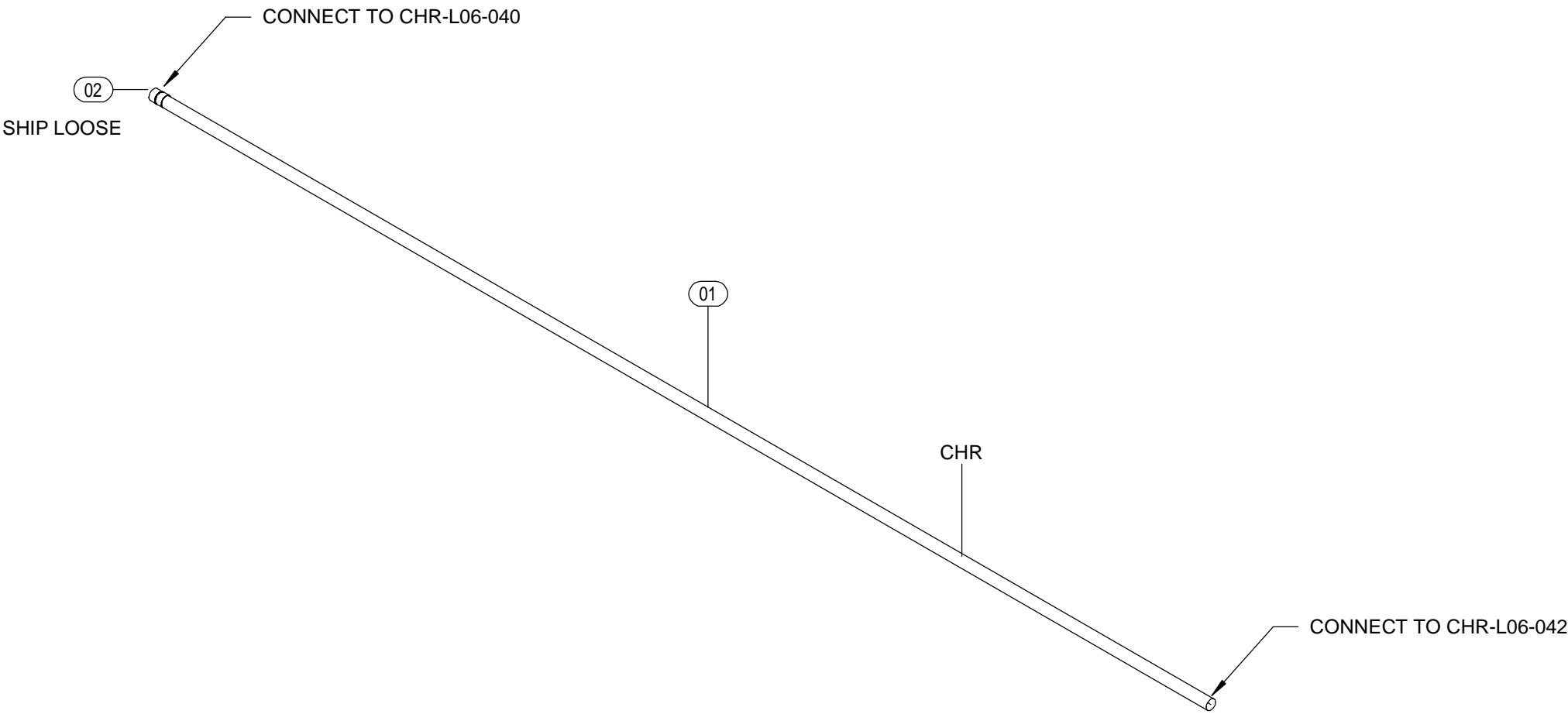
JOB:	WASH U NRB
TICKET:	ARV-L06-041
Drawn By: Author	
DATE: 10/19/21	DATE REQ:



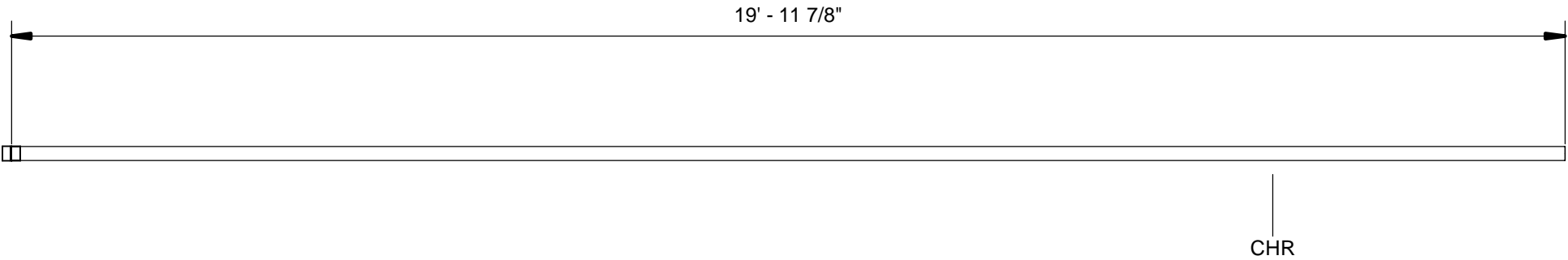
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360//WUSM NRBWUSM\_RB\_HPF.rvt  
28-10-2021 06:35:47

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	20'-0"				1"
02	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1 ISOMETRIC



2 LEFT ELEVATION

SCALE: 1/2" = 1'-0"

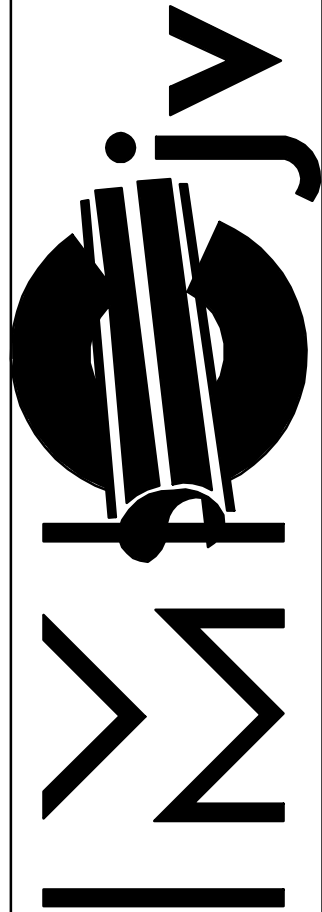
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: CHR-L06-041

Drawn By: Author

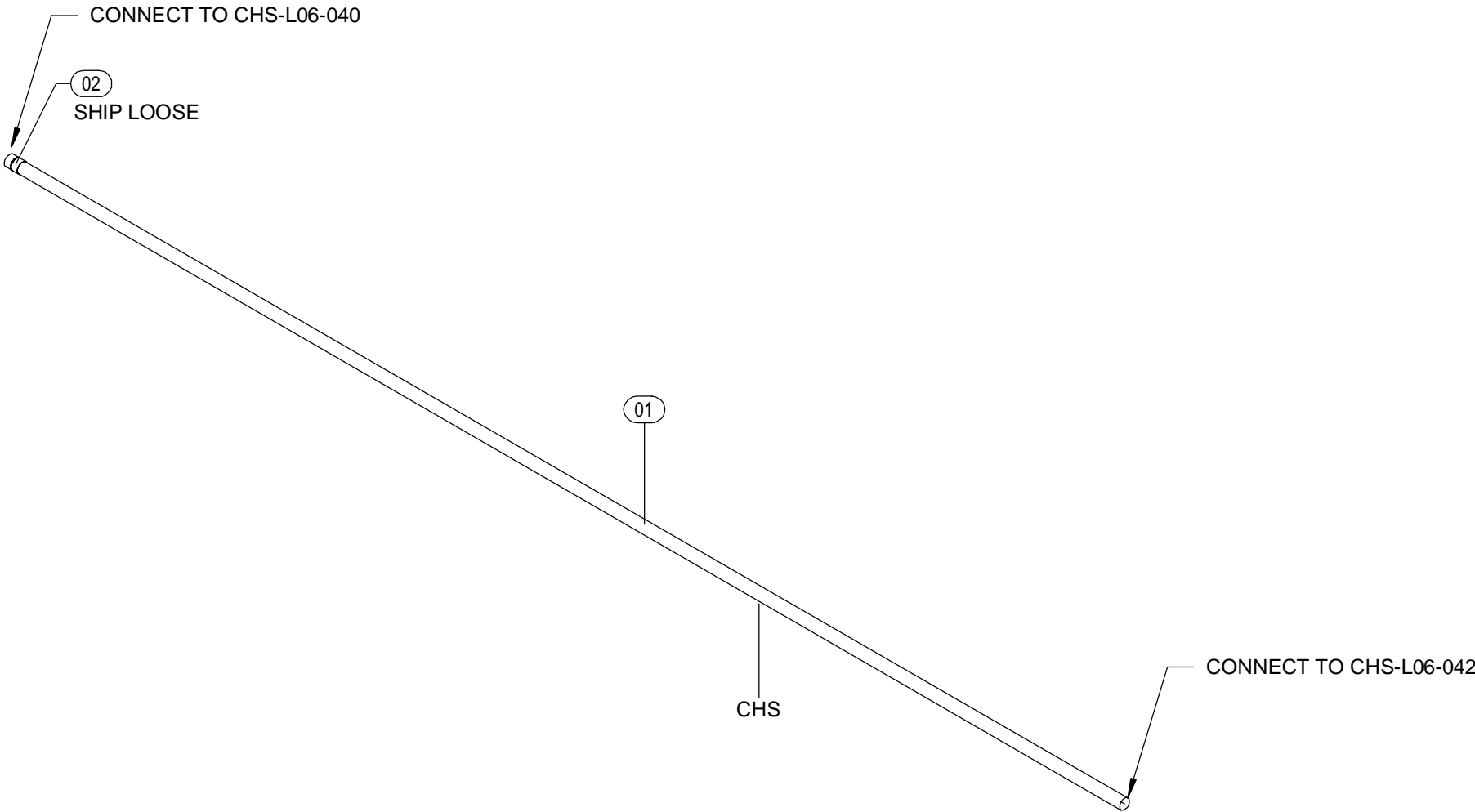
DATE REQ: 10/28/21



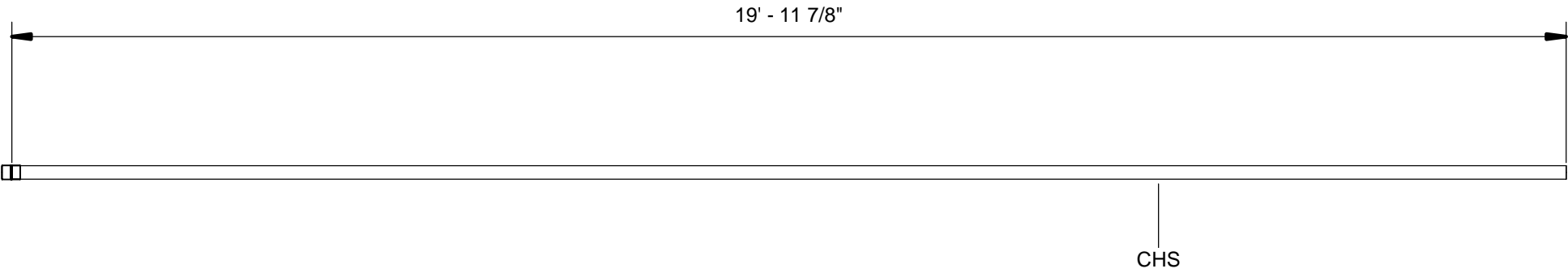
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360//WUSM NRBWUSM\_RB\_HPF.rvt  
21-10-2021 19:52:30

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	19'-11 7/8"				1"
02	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



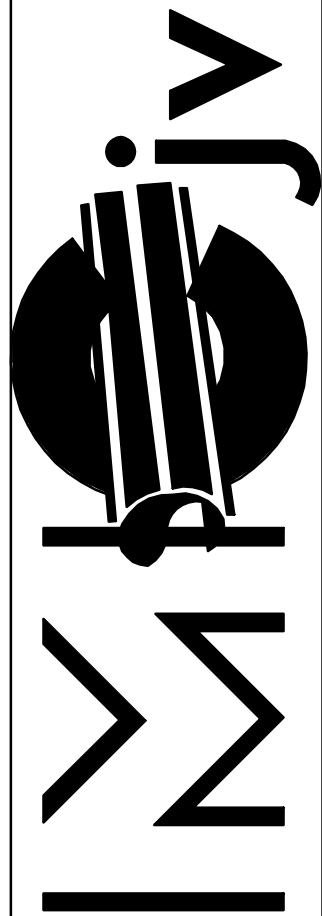
1 ISOMETRIC



2 LEFT ELEVATION  
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

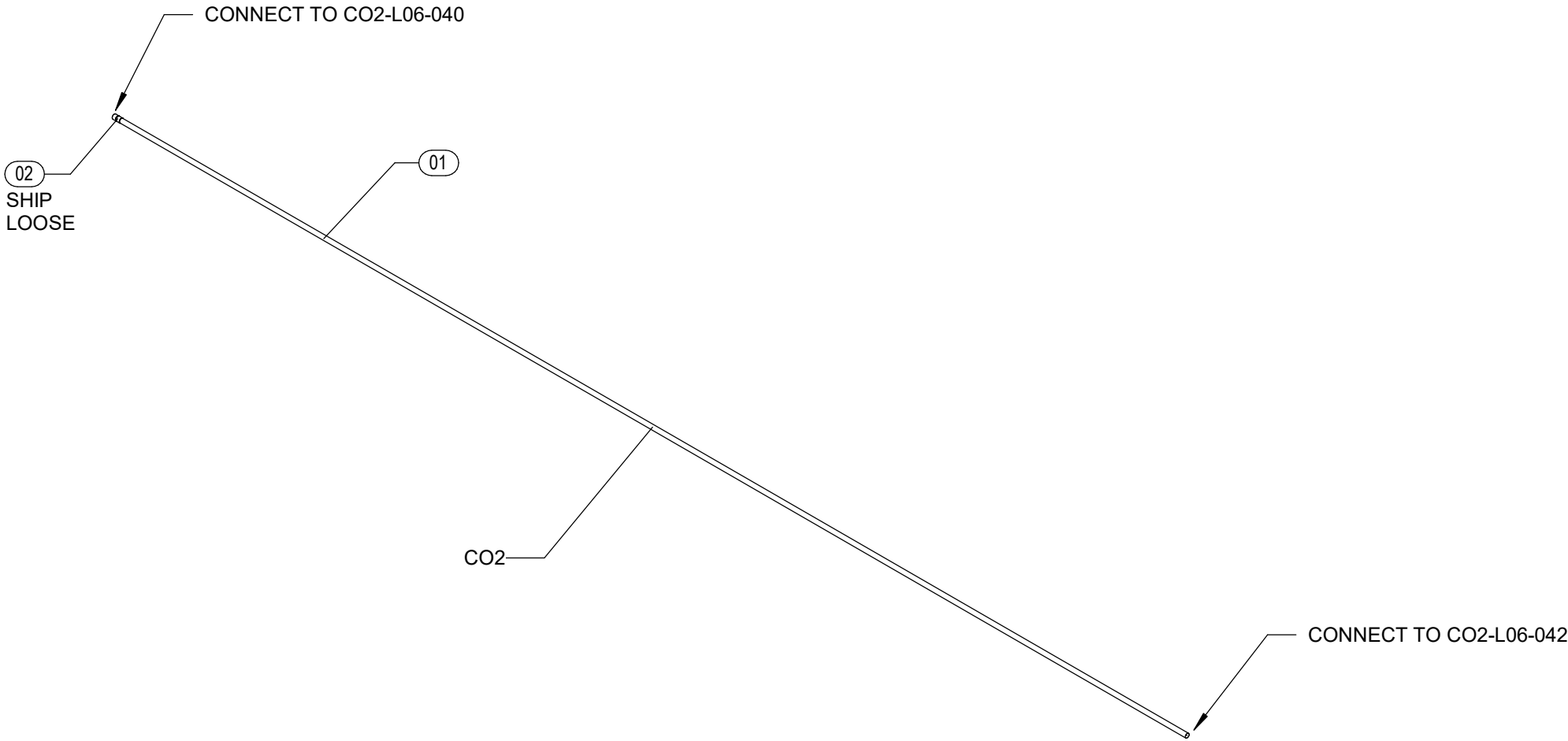
JOB: WASH U NRB  
TICKET: CHS-L06-041  
Drawn By: Author  
DATE: 10/21/21  
DATE REQ:



1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

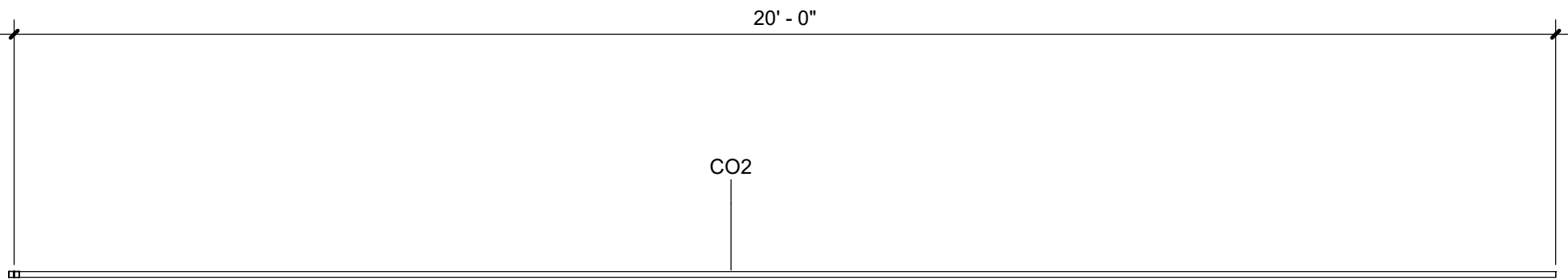
BIM 360://WUSM NRB\\WUSM\_RB\_PUF.rvt  
11/2/2021 3:05:37 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	20'-0"				
02	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1 ISOMETRIC

SCALE:

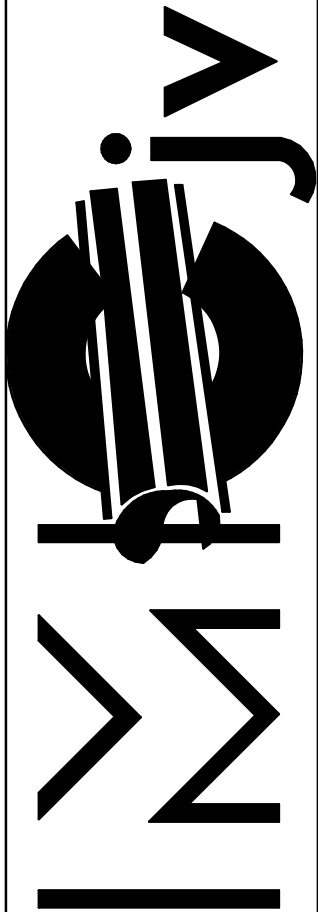


2 FRONT ELEVATION

SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

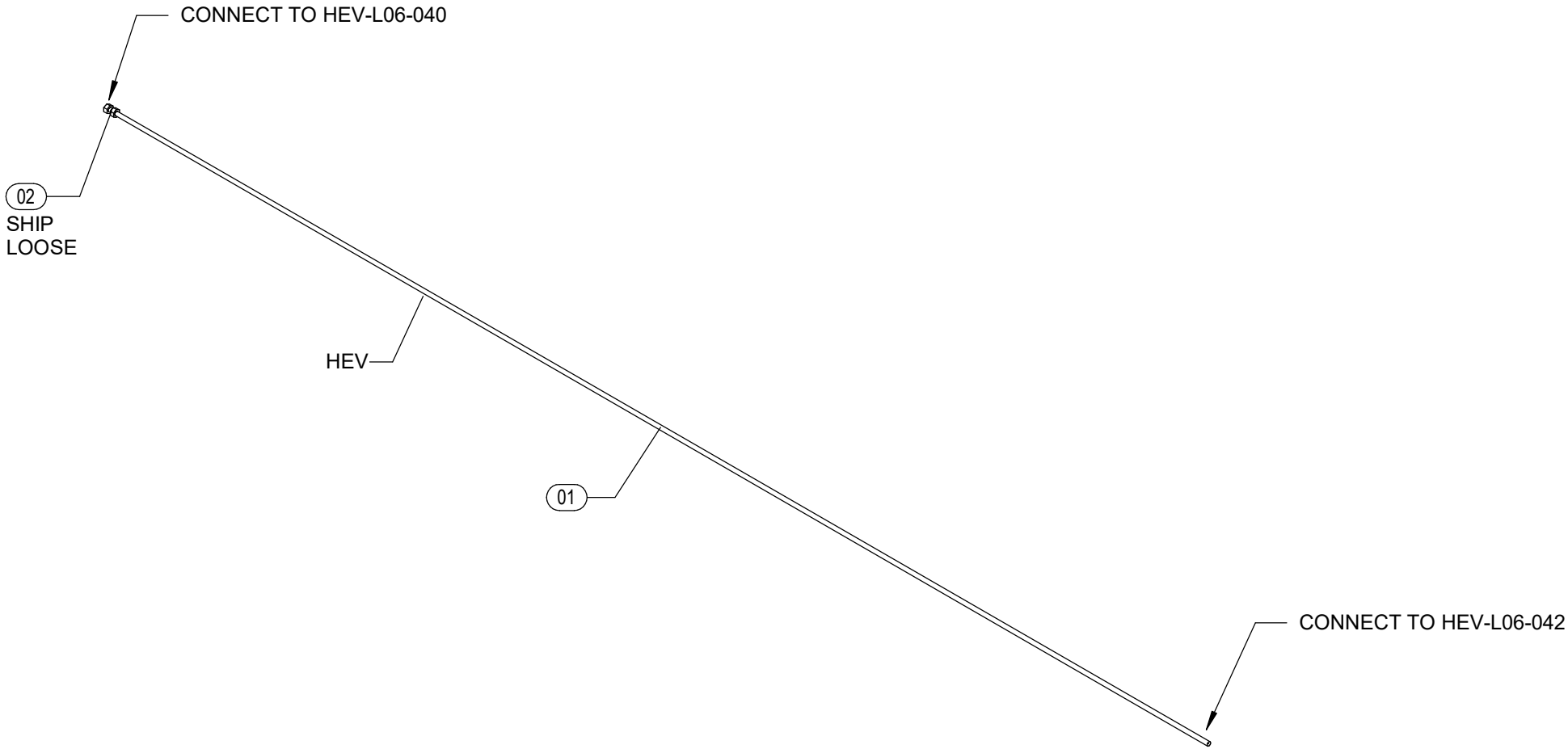
JOB: WASH U NRB  
TICKET: CO2-L06-041  
Drawn By: Author  
DATE: 10/19/21 DATE REQ:



1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

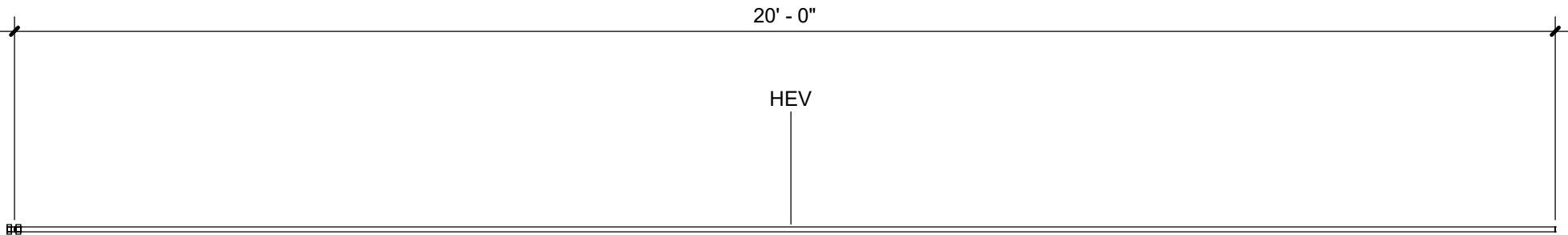
BIM 360://WUSM NRB\\WUSM\_RB\_PUF.rvt  
11/2/2021 3:31:08 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	20'-0"				
02	1	3/4"	Swagelok SS316 Compression Union Coupling					



1 ISOMETRIC

SCALE:

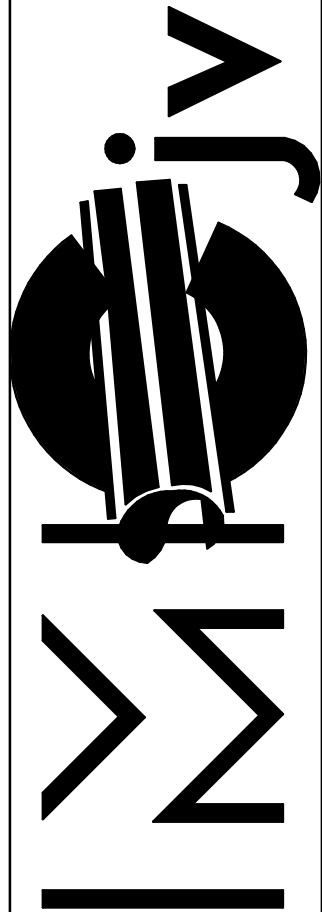


2 FRONT ELEVATION

SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

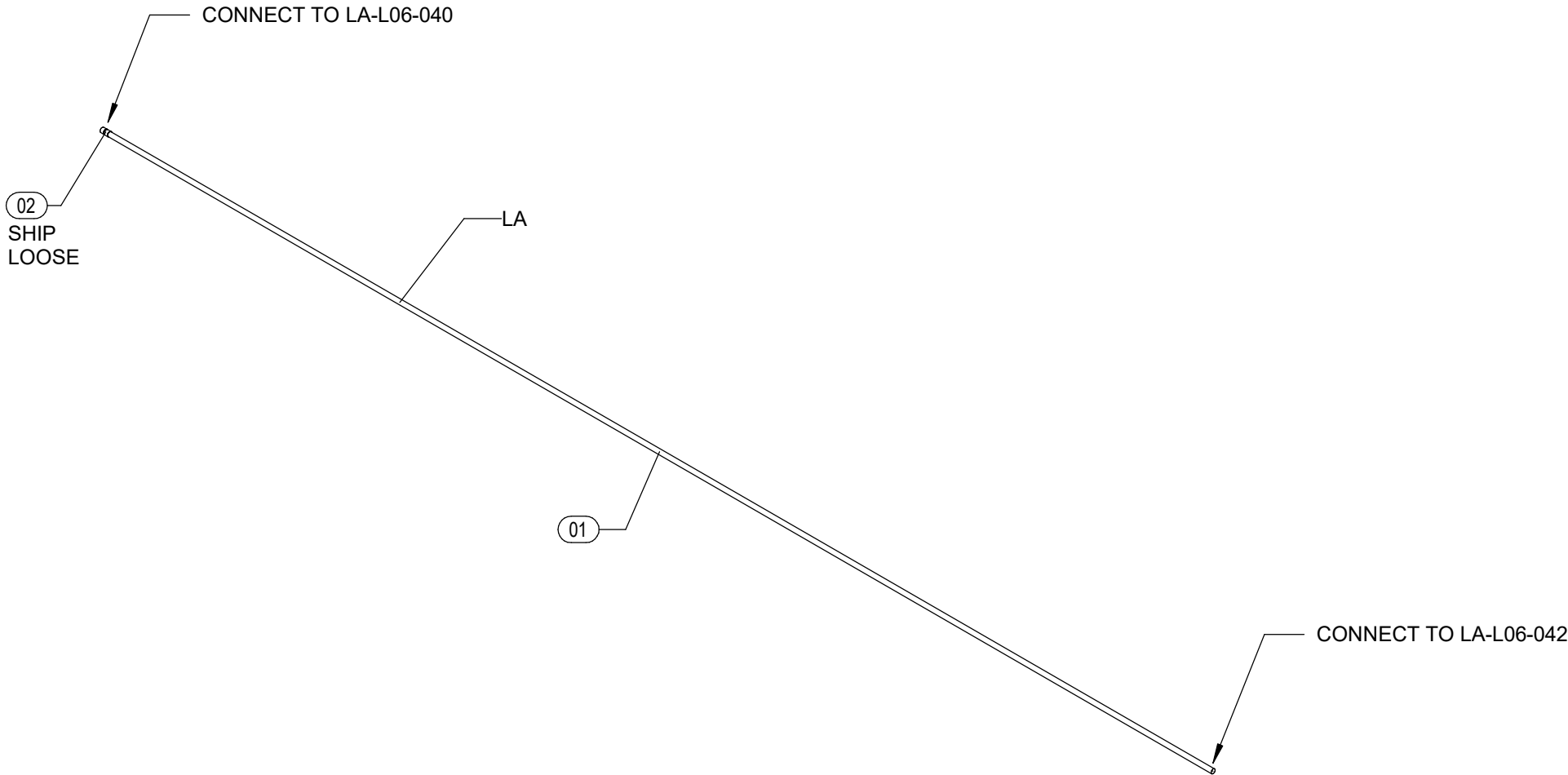
JOB:	WASH U NRB
TICKET:	HEV-L06-041
Drawn By: Author	
DATE: 10/19/21	DATE REQ:



1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

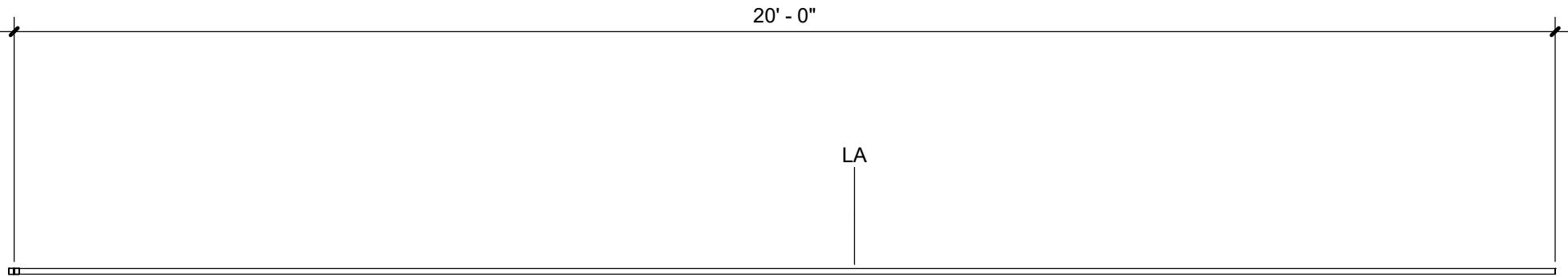
BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
11/2/2021 3:12:52 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	20'-0"				
02	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1 ISOMETRIC

SCALE:

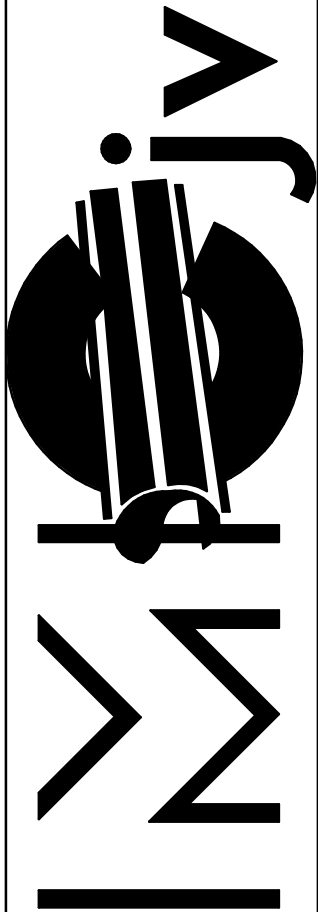


4 FRONT ELEVATION

SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

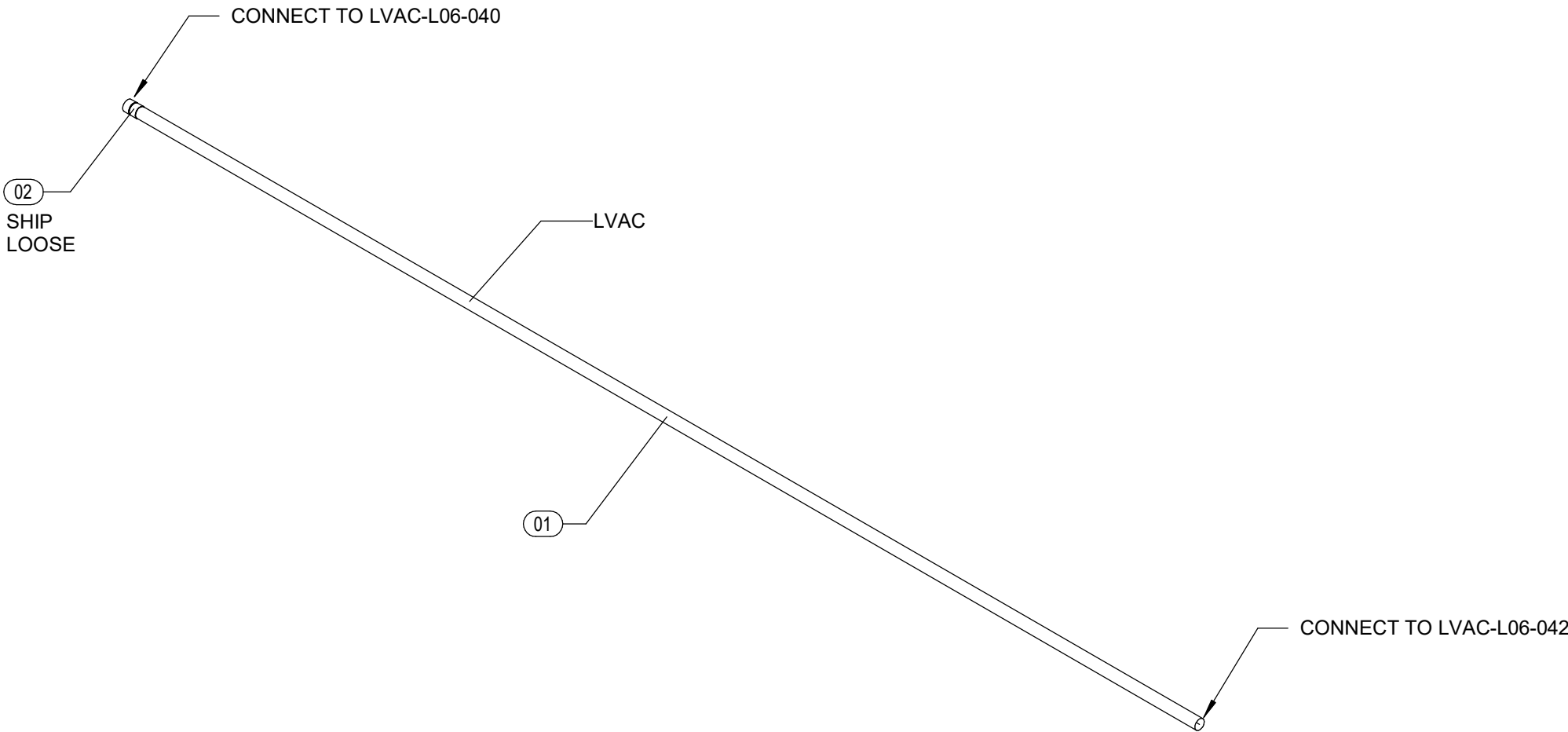
JOB: WASH U NRB  
TICKET: LA-L06-041  
Drawn By: Author  
DATE: 10/19/21  
DATE REQ:



1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

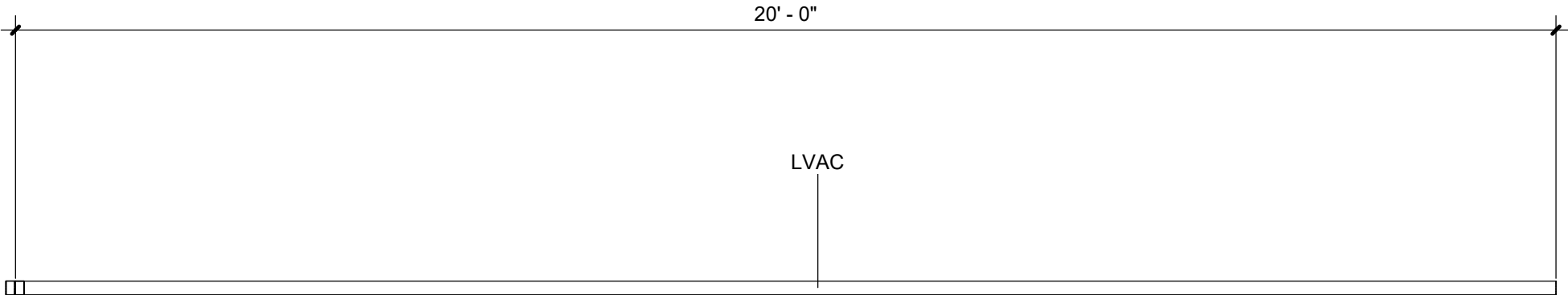
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11/2/2021 3:19:23 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type L Hard Copper - CFOS	19'-11 15/16"				
02	1	2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1 ISOMETRIC

SCALE:

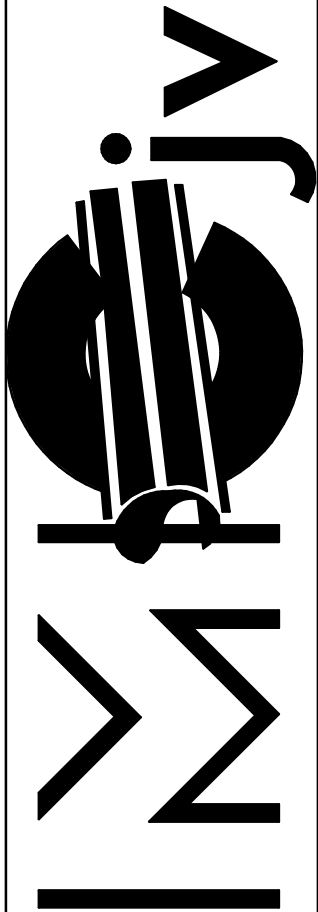


4 FRONT ELEVATION

SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	LVAC-L06-041
Drawn By: Author	
DATE: 10/19/21	DATE REQ:



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