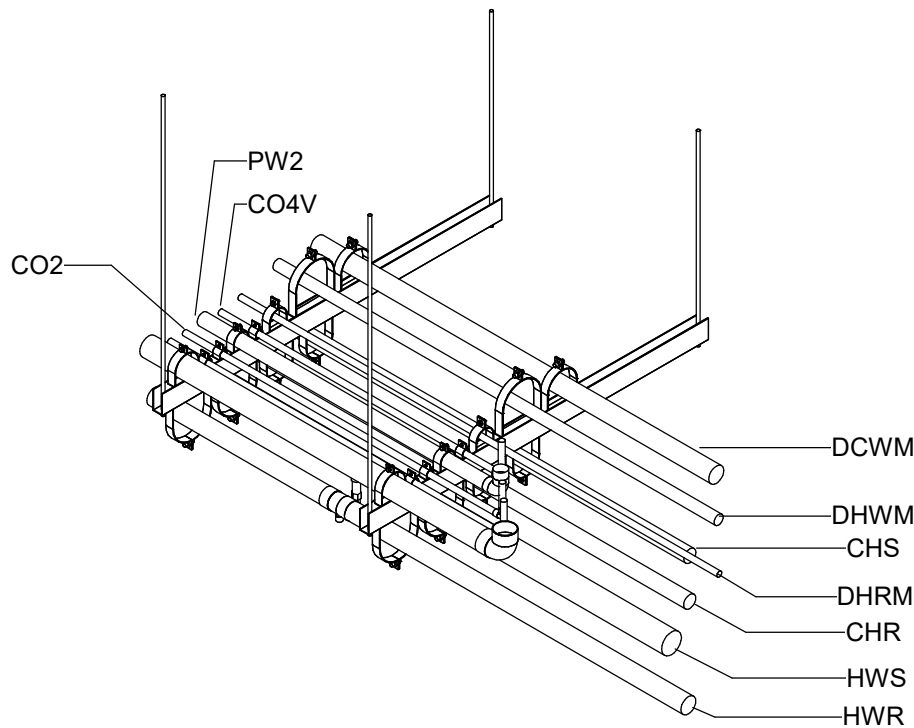
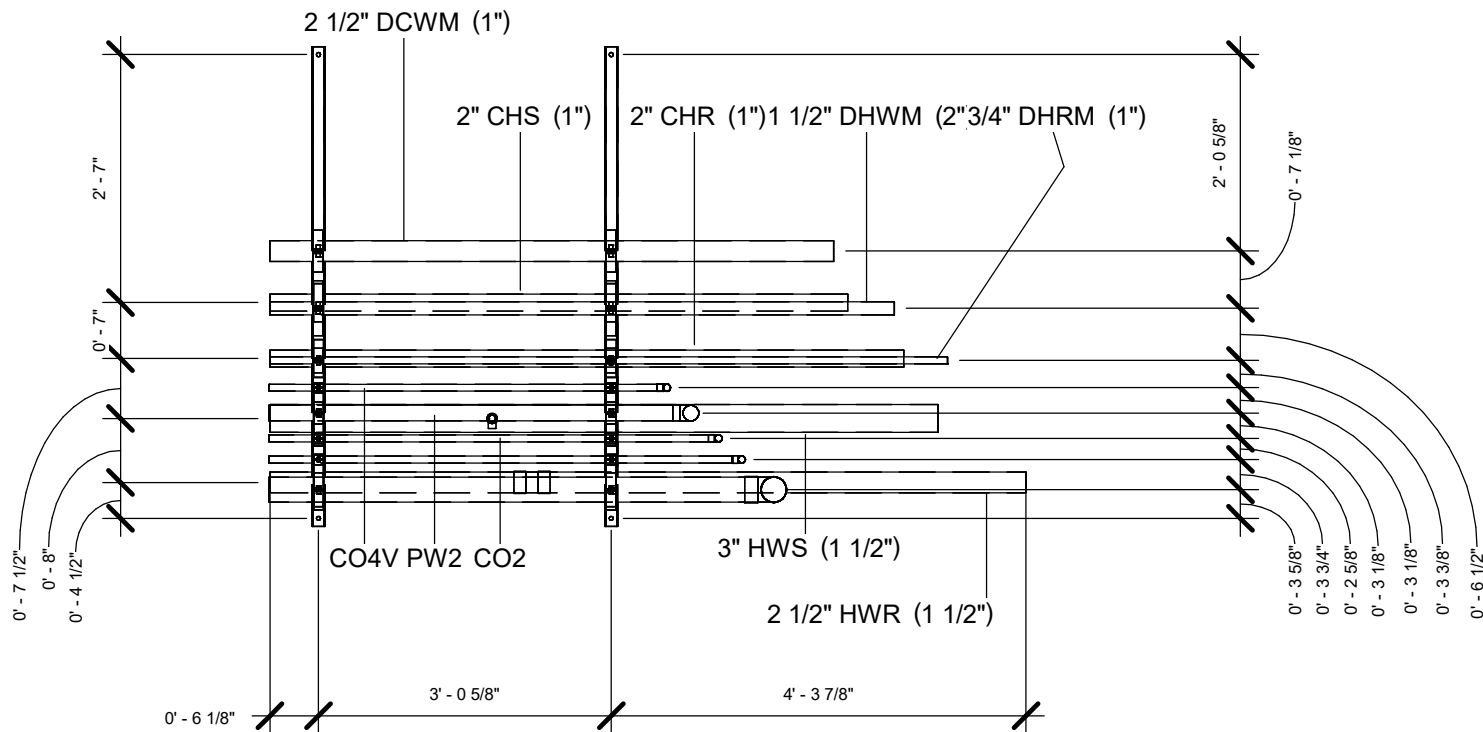


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9/22/2021 9:09:51 AM



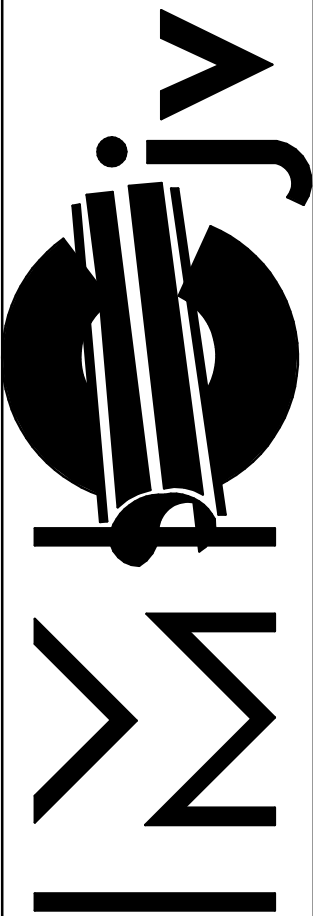
2 AS-L03-003 - ISOMETRIC  
AS-L03-003 SCALE:



1 AS-L03-003  
AS-L03-003 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

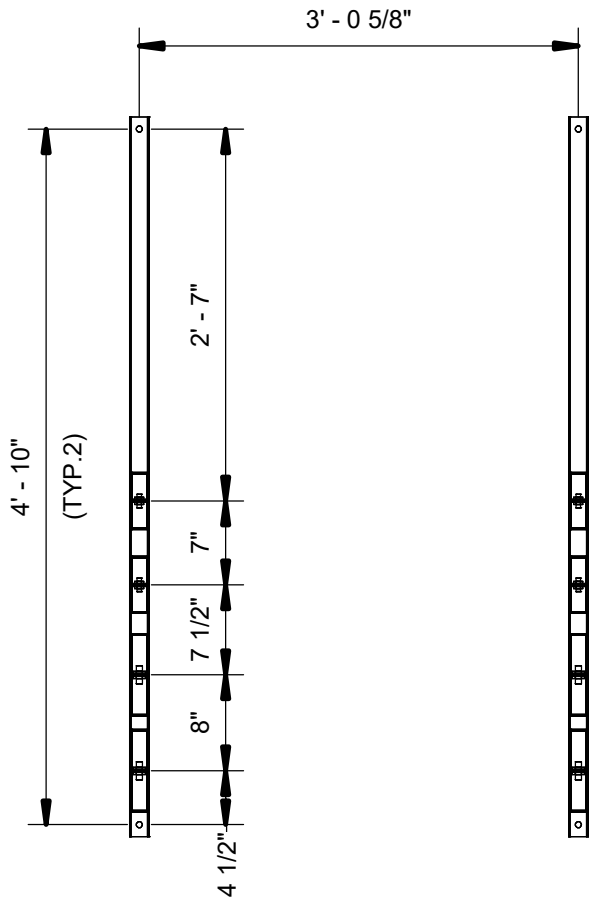
JOB:	WASH U NRB
TICKET:	AS-L03-003
Drawn By: Author	
DATE: 08/09/21	DATE REQ:



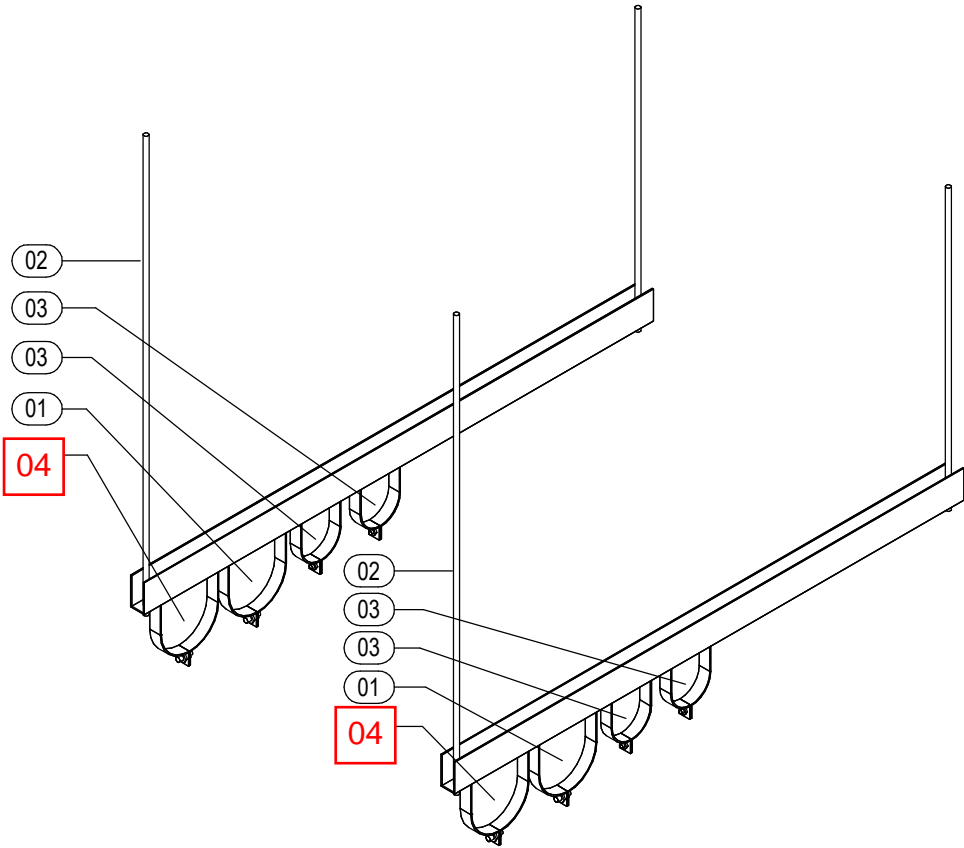
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB/WUSM\_RB\_HPF.rvt  
8/20/2021 1:58:13 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
<del>01</del>	<del>4</del>	<del>0"</del>	<del>B-Line B2000 ZIN Schl 40 Pipe Clamp</del>		<del>0"</del>	<del>0"</del>	<del>0"</del>	
02	2	56"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		5' - 0"	4' - 1"	2' - 9"	
<del>03</del>	<del>4</del>	<del>4</del>	<del>B-Line B2000 ZIN Schl 40 Pipe Clamp</del>		<del>0"</del>	<del>0"</del>	<del>0"</del>	
01	2	5 5/8"	B-LINE #2066					
03	2	4 1/8"	B-LINE #2054					
04	4	6 1/8"	B-LINE #2110					



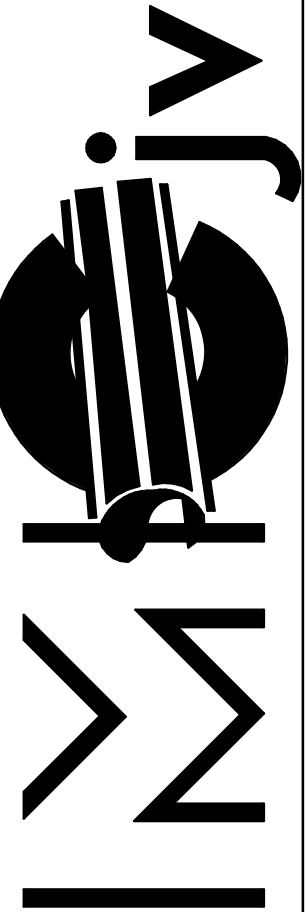
2 TOP VIEW  
SCALE: 3/4" = 1'-0"



1 ISOMETRIC  
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

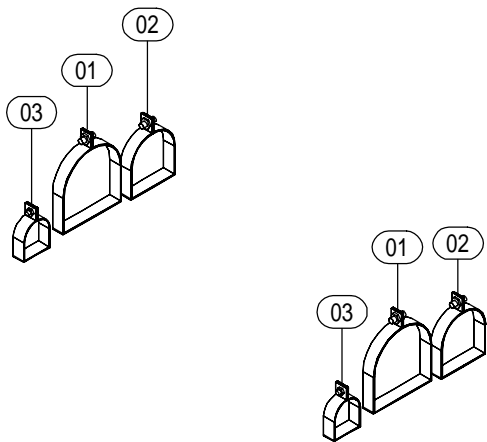
JOB:	WASH U NRB
TICKET:	HPHGR-L03-003
Drawn By: Author	
DATE: 08/11/21	DATE REQ:



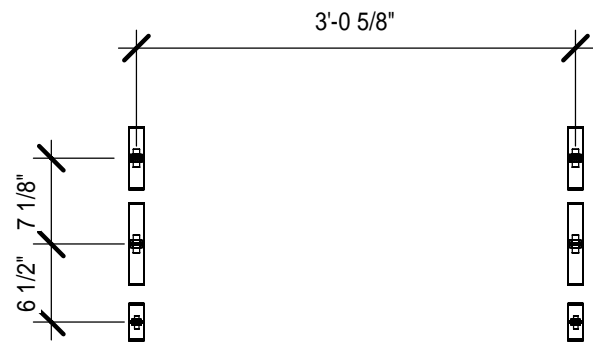
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB/WUSM\_RB\_PLF.rvt  
20-08-2021 15:49:21

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
<del>01</del>	<del>2</del>	<del>6"</del>	<del>B-Line B2000 ZN Sch 40 Pipe Clamp</del>					
<del>02</del>	<del>2</del>	<del>4.5"</del>	<del>B-Line B2000 ZN Sch 40 Pipe Clamp</del>					
<del>03</del>	<del>2</del>	<del>2.5"</del>	<del>B-Line B2000 ZN Sch 40 Pipe Clamp</del>					
01	2	5 5/8"	B-LINE #2066					
02	2	4 5/8"	B-LINE #2058					
03	2	2 7/8"	B-LINE #2014					



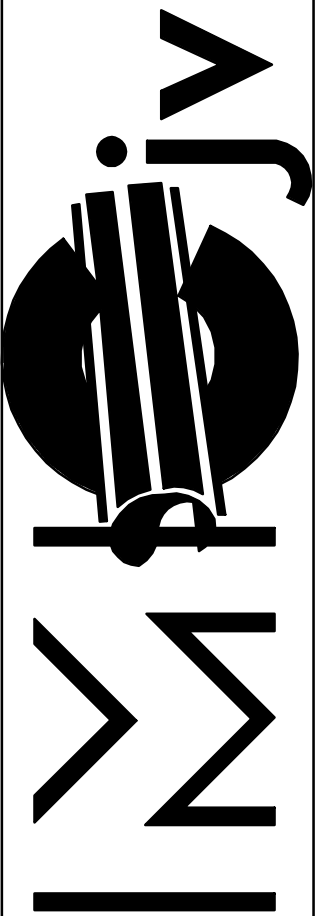
1 ISOMETRIC  
SCALE:



2 TOP VIEW  
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

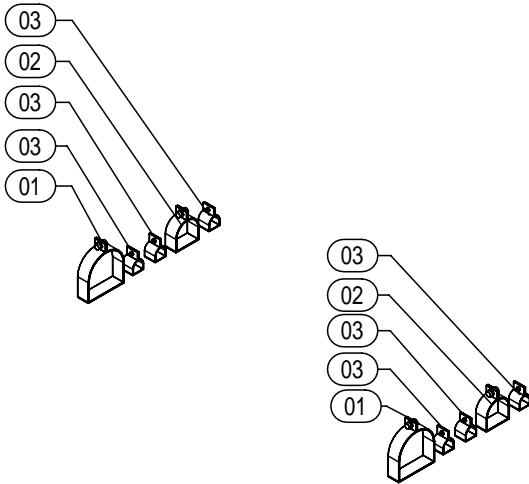
JOB:	WASH U NRB
TICKET:	PPHGR-L03-003
Drawn By: Author	
DATE: 08/20/21	DATE REQ:



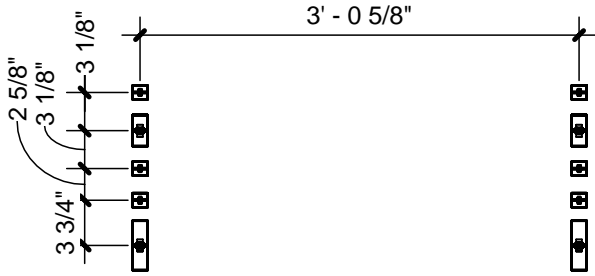
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
18-08-2021 16:18:56

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	2	3.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
02	2	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
03	6	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					



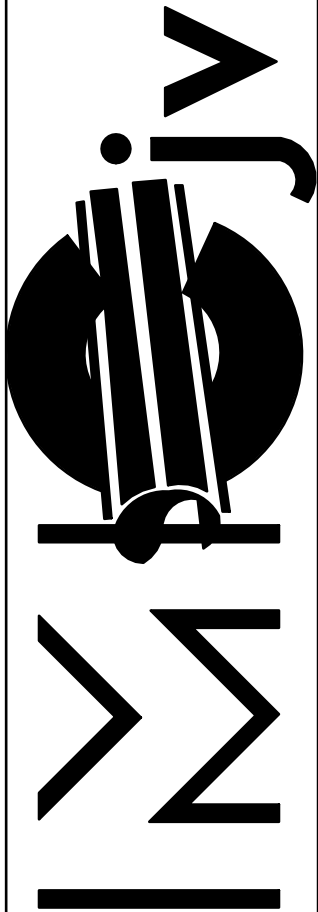
1 ISOMETRIC  
SCALE:



2 TOP VIEW  
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

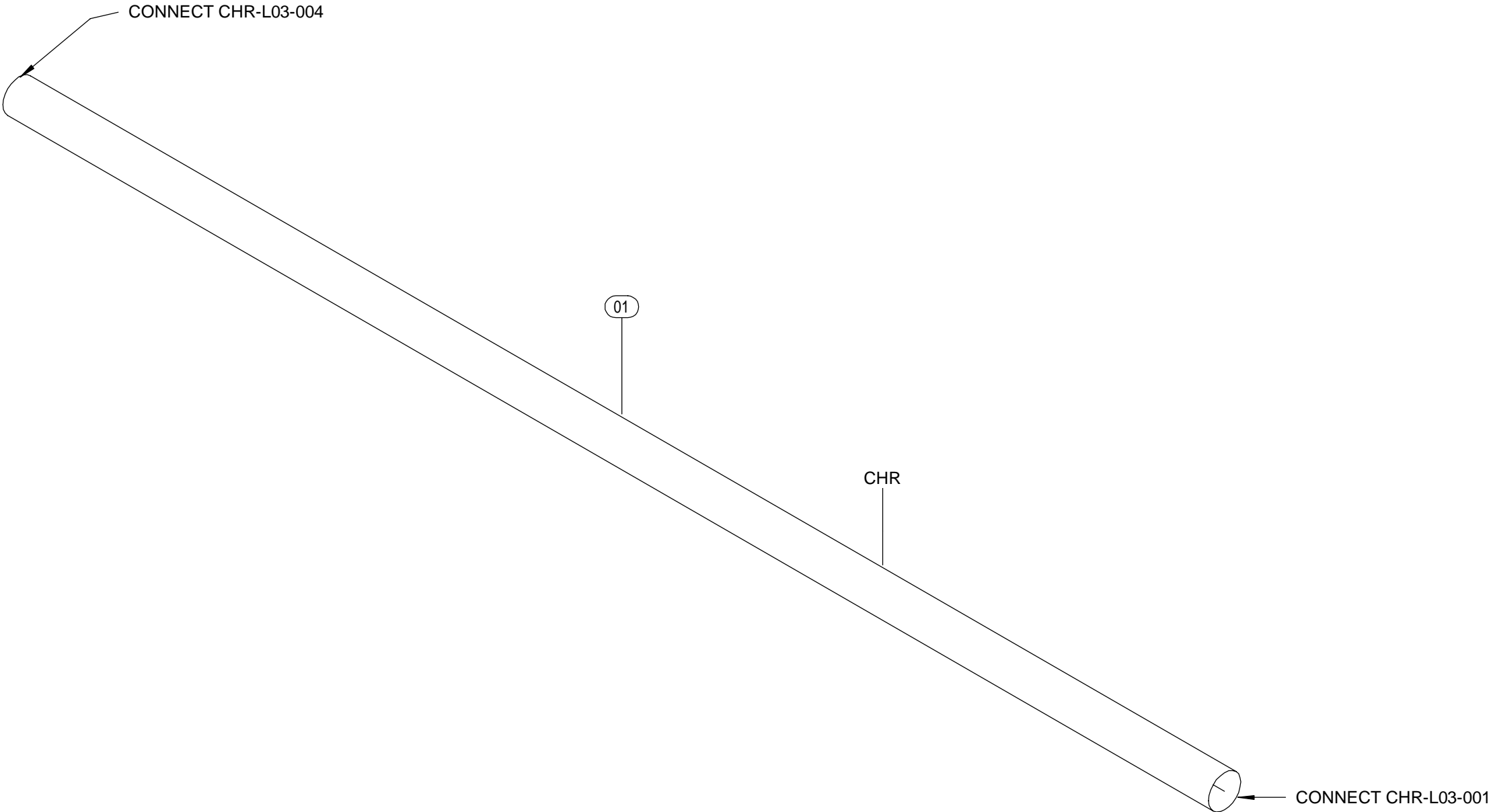
JOB:	WASH U NRB
TICKET:	PUHGR-L03-003
Drawn By: Author	
DATE: 08/18/21	DATE REQ:



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

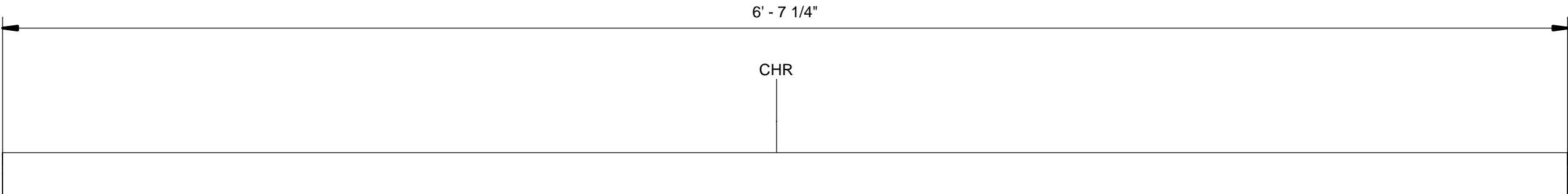
BIM 360://WUSM NRBWUSM\_RB\_HPF.rvt  
05-08-2021 17:38:13

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	6'-7 1/4"				1"



1 ISOMETRIC

SCALE:



2 FRONT ELEVATION

SCALE: 1 : 6

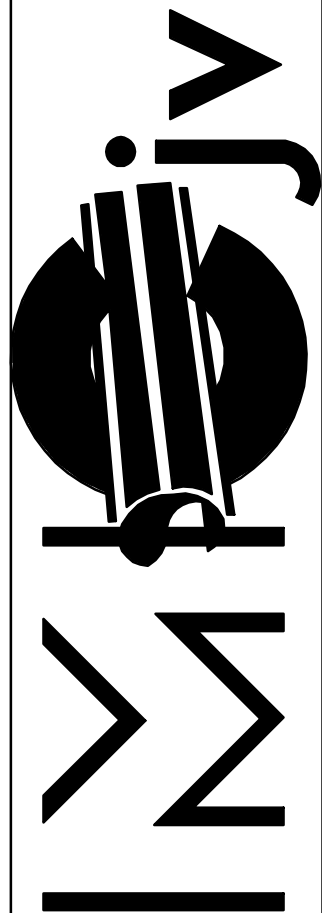
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: CHR-L03-003

Drawn By: Author

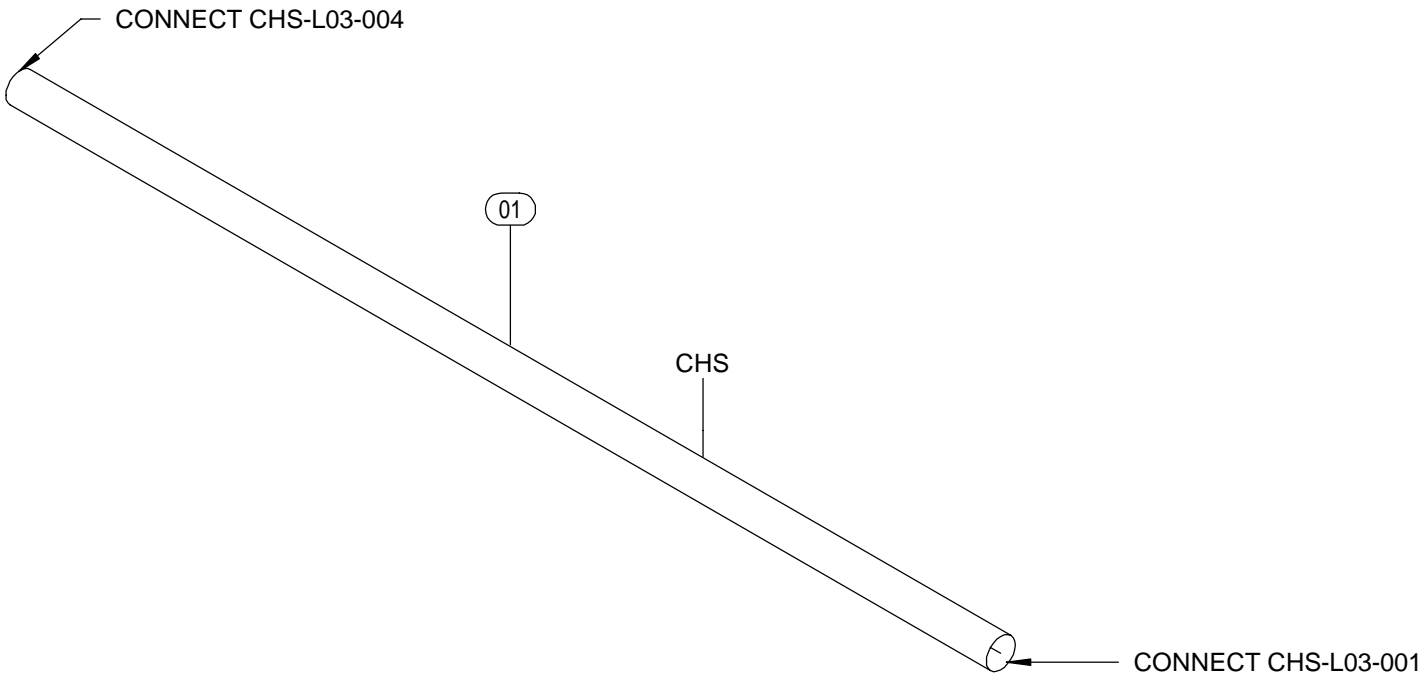
DATE: 08/05/21 DATE REQ:



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

BIM 360//WUSM NRBWUSM\_RB\_HPF.rvt  
05-08-2021 17:30:25

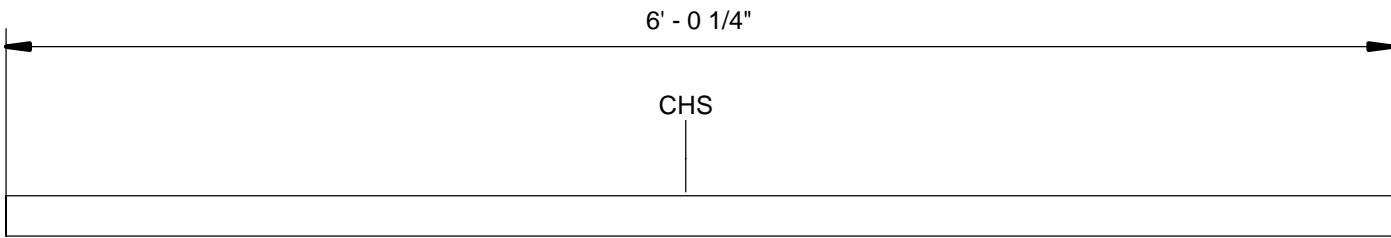
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	6'-0 1/4"				1"



1

ISOMETRIC

SCALE:



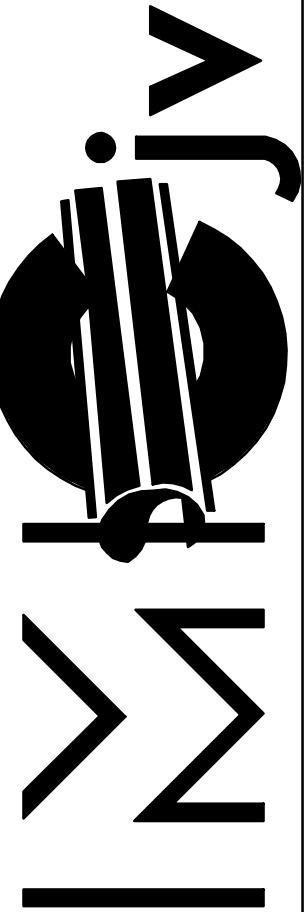
2

FRONT ELEVATION

SCALE: 1 : 10

A1	A3	B1	B3
A2	A4	B2	B4

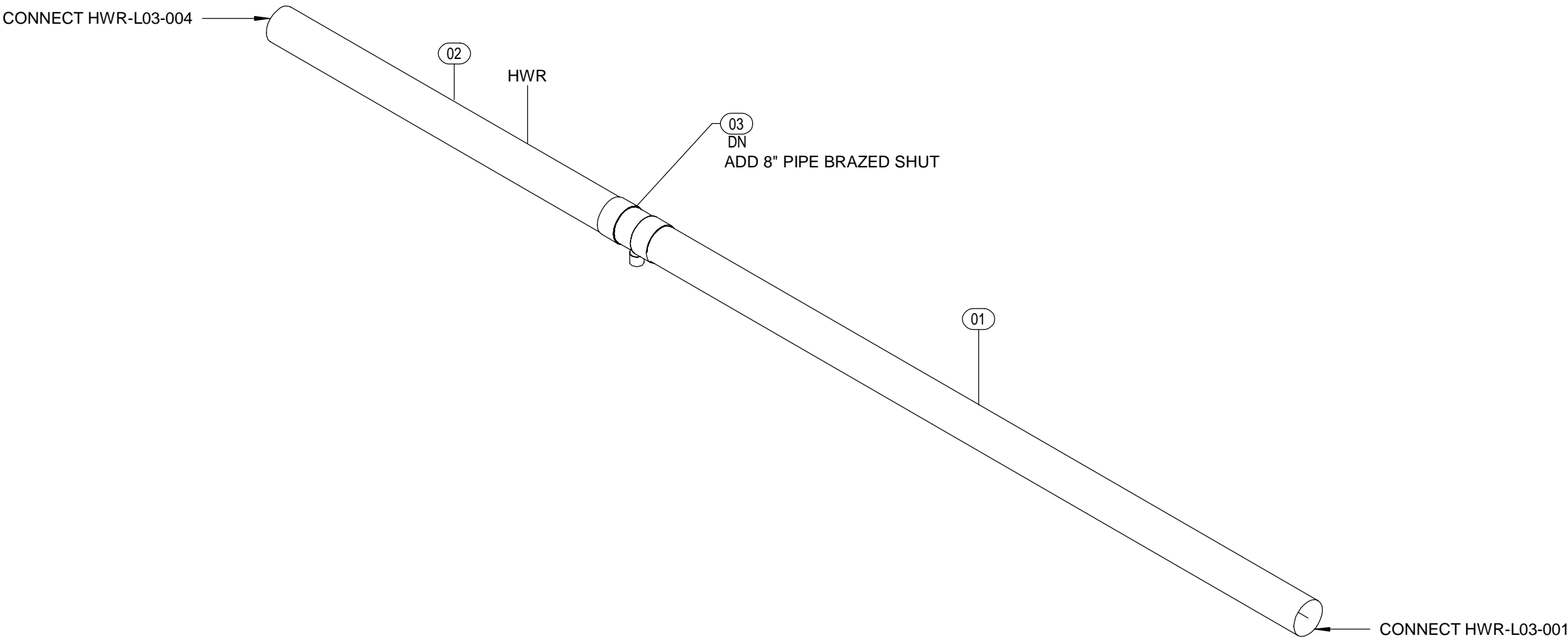
JOB:	WASH U NRB
TICKET:	CHS-L03-003
Drawn By: Author	
DATE: 08/05/21	DATE REQ:



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

BIM 360://WUSM NRBWUSM\_RB\_HPF.rvt  
05-08-2021 14:59:49

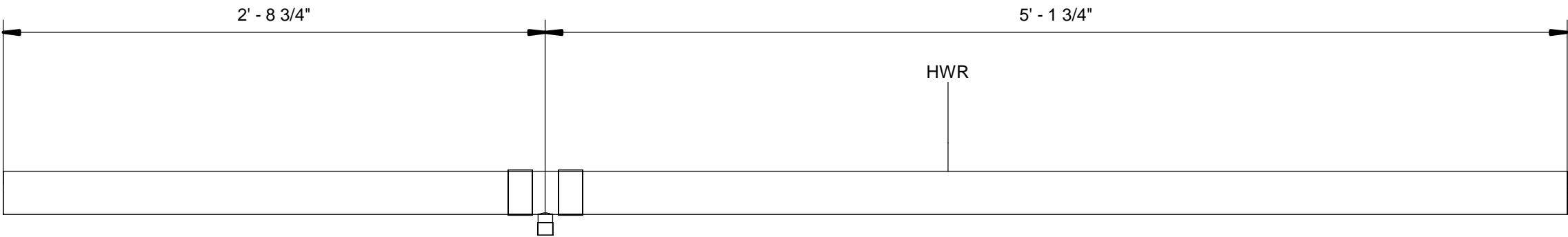
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2 1/2"	Cerro Type K Hard Copper Pipe	5'-1"				1 1/2"
02	1	2 1/2"	Cerro Type K Hard Copper Pipe	2'-8"				1 1/2"
03	1	2 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"



1

ISOMETRIC

SCALE:



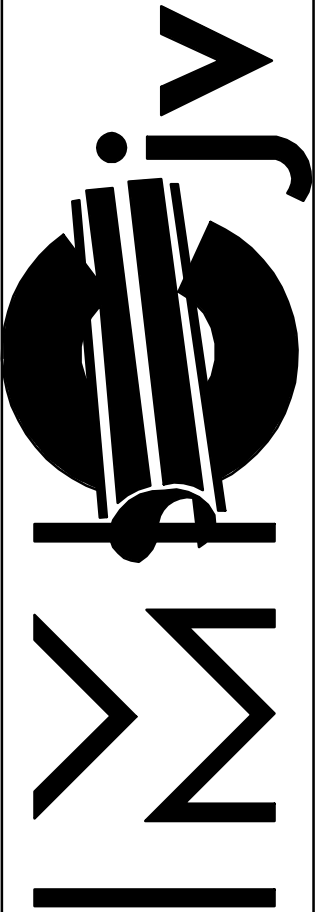
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

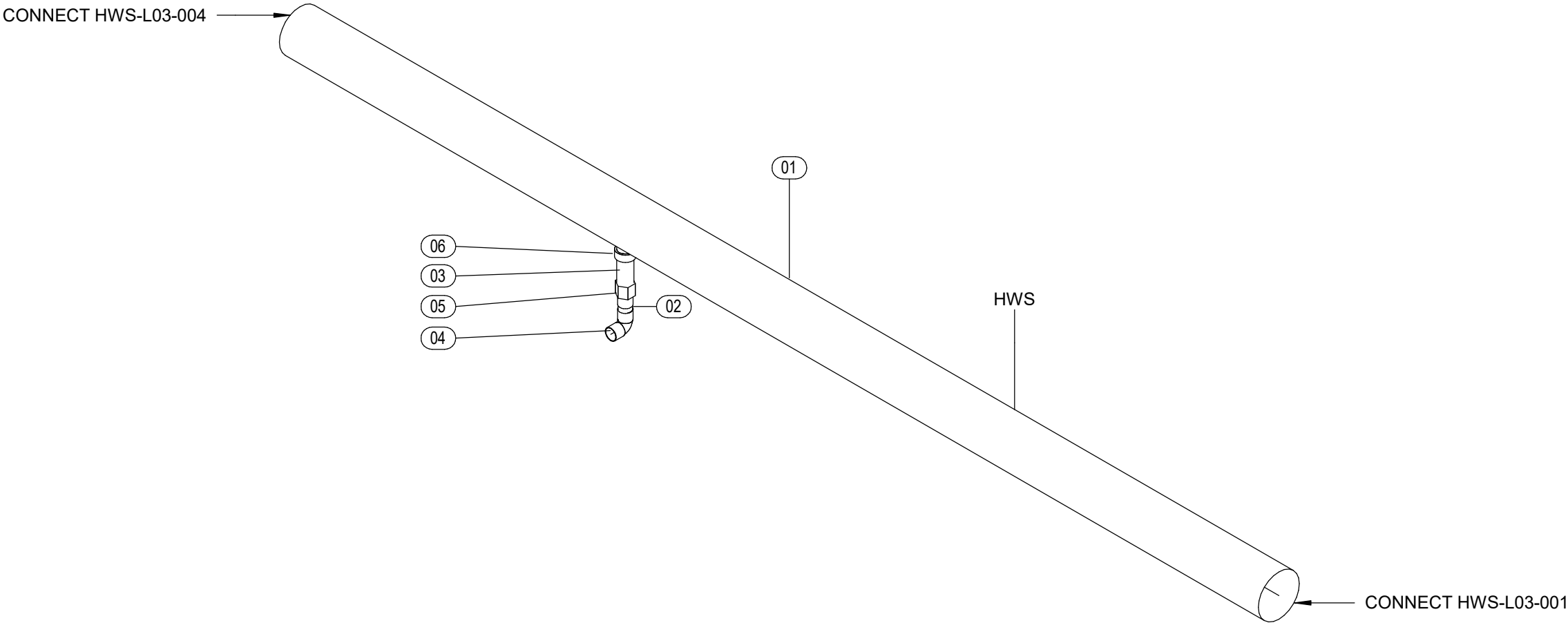
JOB:	WASH U NRB
TICKET:	HWR-L03-003
Drawn By:	Author
DATE:	08/05/21
DATE REQ:	



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

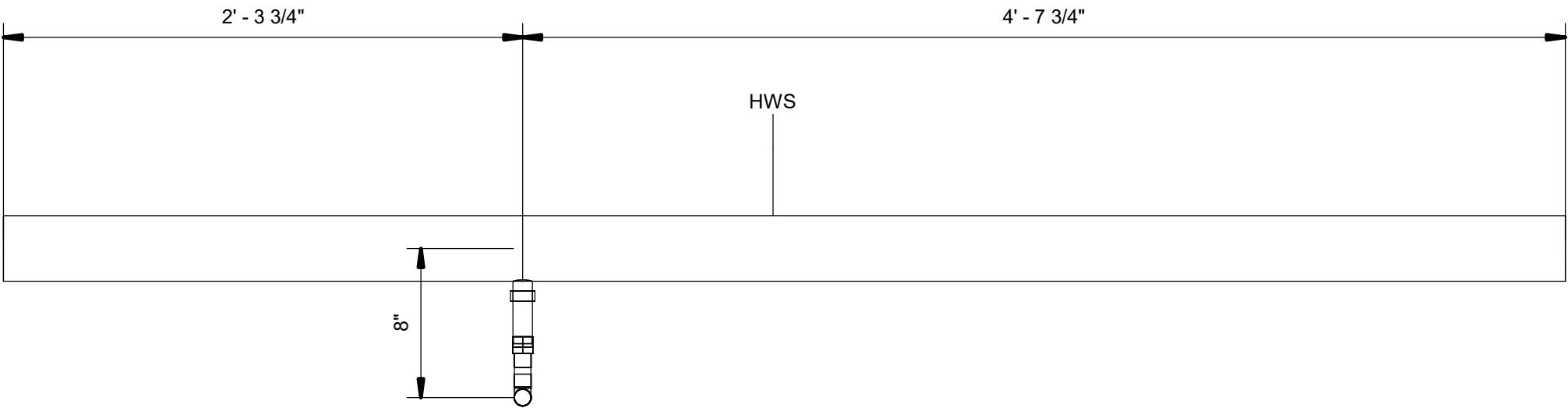
BIM 360://WUSM NRBWUSM\_RB\_HPF.rvt  
9/21/2021 2:31:30 PM

Mark	Qty	Size	Description	Length	Strut Length	Rob 1	Rob 2	Insulation
01	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	6'-11 9/16"				1 1/2"
02	1	3/4"	Cerro Type K Hard Copper Pipe	0'-1 13/16"				1"
03	1	3/4"	Victaulic No.647 TT Dielectric Transition Fitting					1"
04	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
05	1	3/4"	Nibco Wrot 603 Adapter CxF					1"
06	1	3"x3/4"	Anvil 3000# FS Thread-O-Let					1"



1 ISOMETRIC

SCALE:

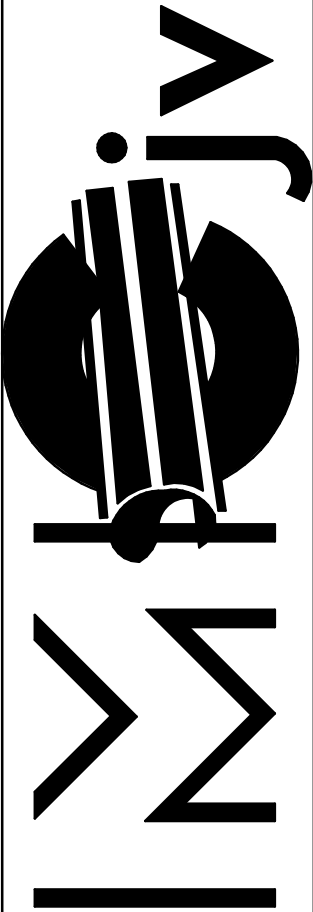


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB  
TICKET: HWS-L03-003  
Drawn By: Author  
DATE: 08/05/21  
DATE REQ:

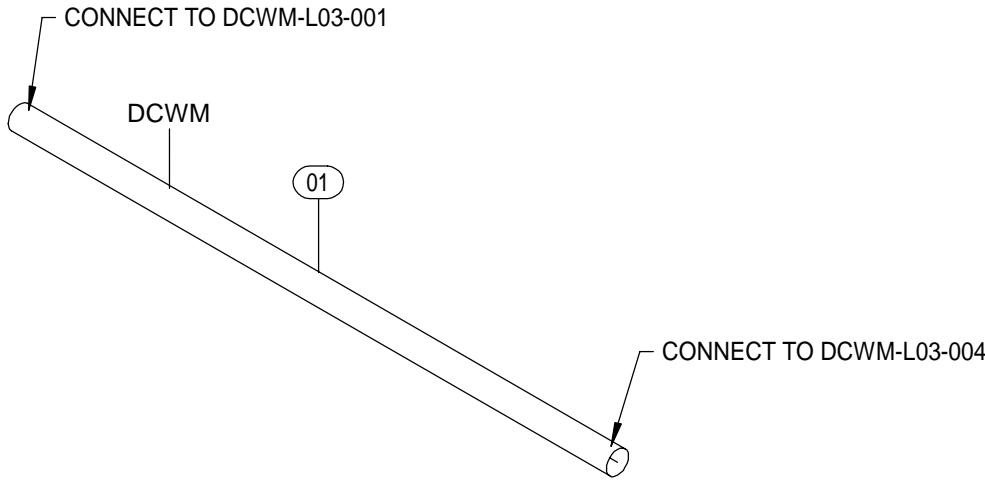


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314-997-6600 phone



BIM 360://WUSM NRB/WUSM\_RB\_PLF.rvt  
20-08-2021 17:20:55

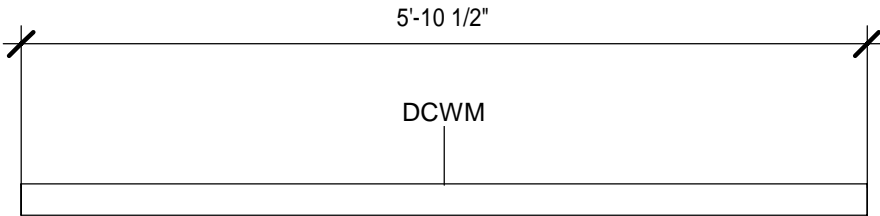
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2 1/2"	Cerro Type L Hard Copper Pipe	5'-10 1/2"				1"



1

ISOMETRIC

SCALE:



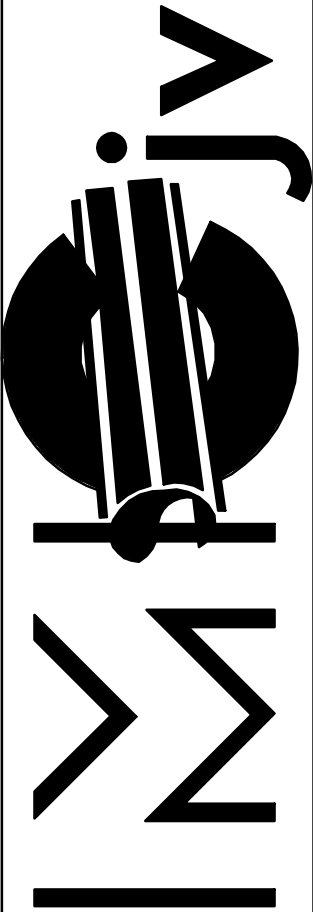
2

TOP VIEW

SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

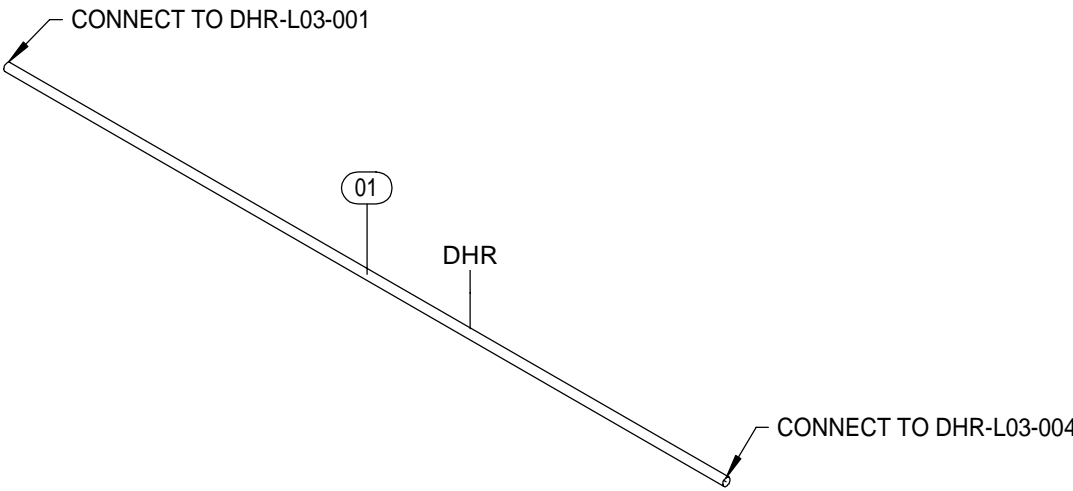
JOB:	WASH U NRB
TICKET:	DCWM-L03-003
Drawn By: Author	
DATE: 08/20/21	DATE REQ:



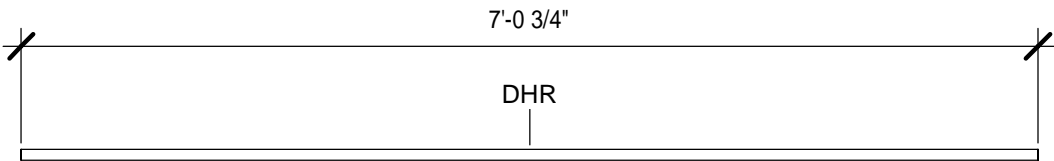
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB/WUSM\_RB\_PLF.rvt  
20-08-2021 16:12:44

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe	7'-0 3/4"				1"



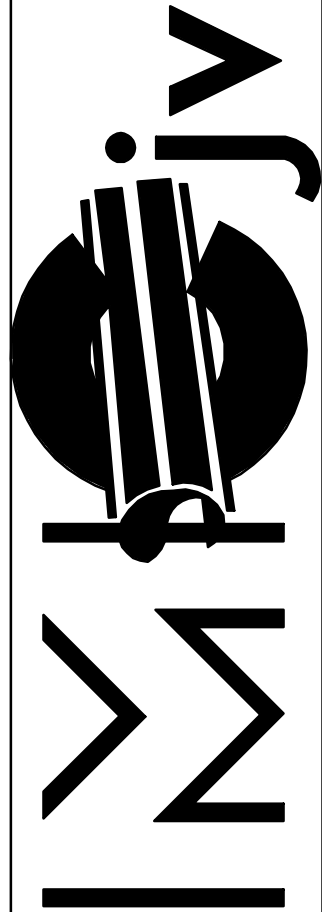
1 ISOMETRIC  
SCALE:



2 TOP VIEW  
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

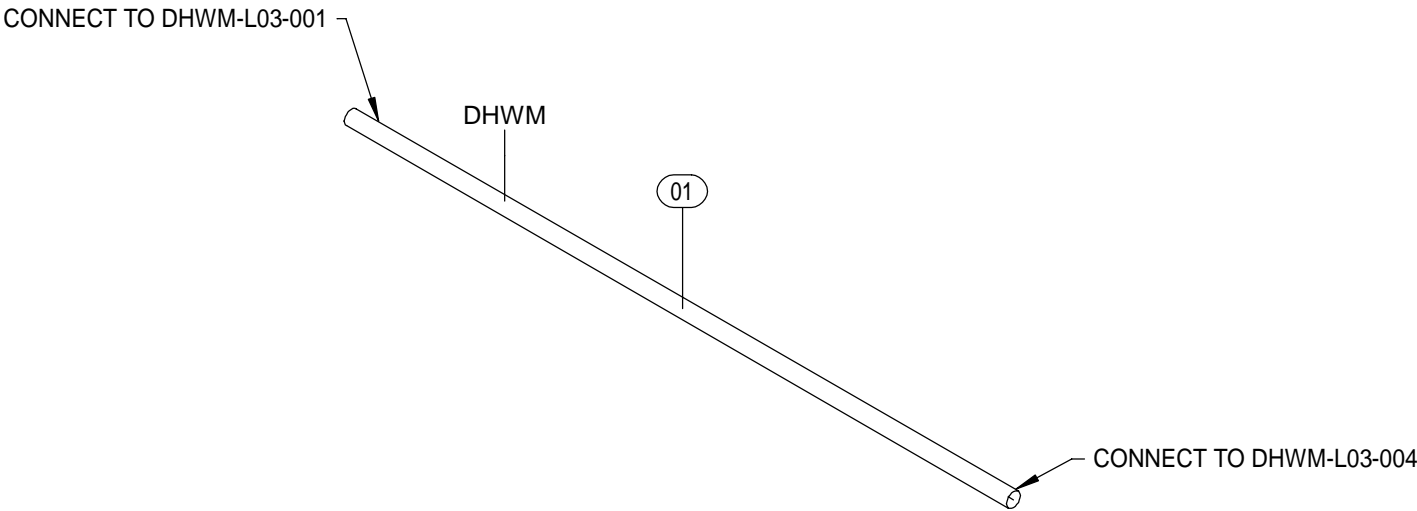
JOB: WASH U NRB  
TICKET: DHR-L03-003  
Drawn By: Author  
DATE: 08/20/21 DATE REQ:



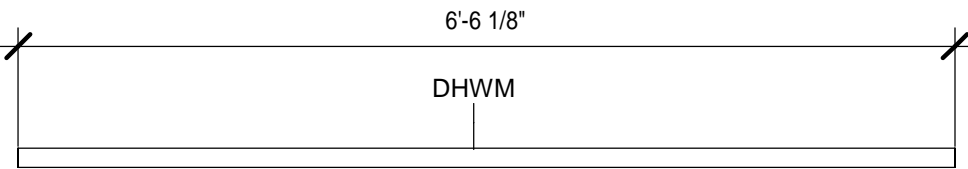
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB/WUSM\_RB\_PLF.rvt  
20-08-2021 16:50:51

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	6'-6 1/8"				2"



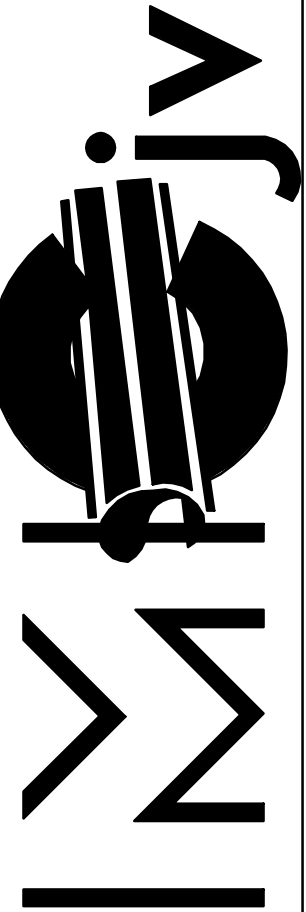
1 ISOMETRIC  
SCALE:



2 FRONT ELEVATION  
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

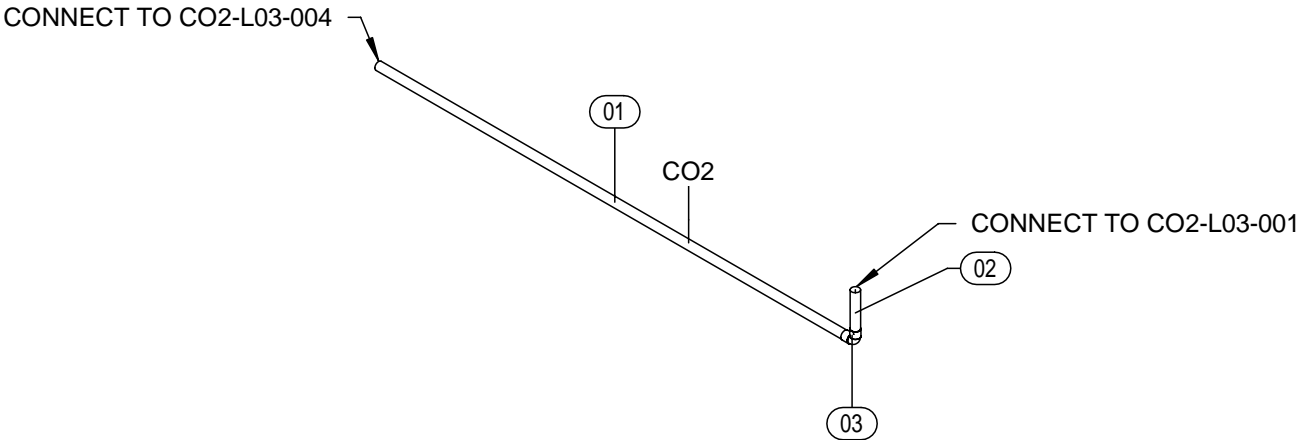
JOB:	WASH U NRB
TICKET:	DHWM-L03-003
Drawn By: Author	
DATE: 08/20/21	DATE REQ:



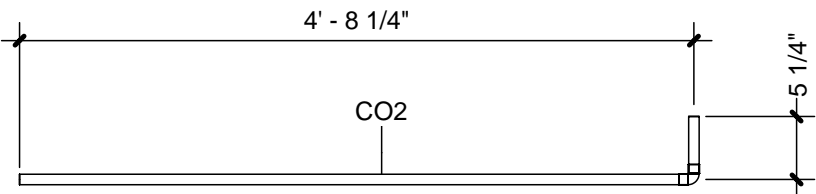
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360//WUSM NRBWUSM\_RB\_PUF.rvt  
18-08-2021 17:12:19

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	4'-7 3/4"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-4 3/4"				
03	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					



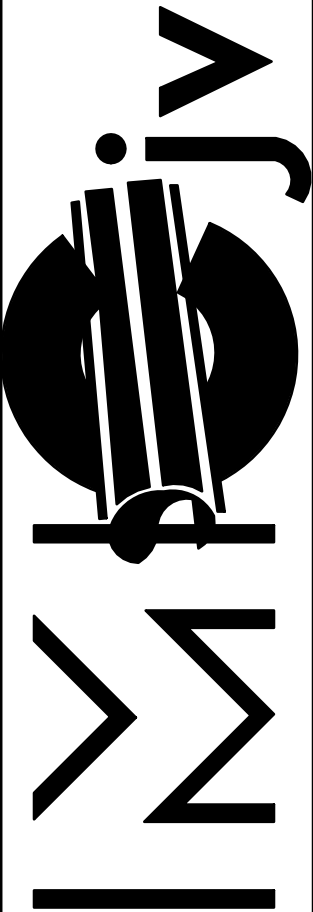
**1** ISOMETRIC  
SCALE:



**2** FRONT ELEVATION  
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

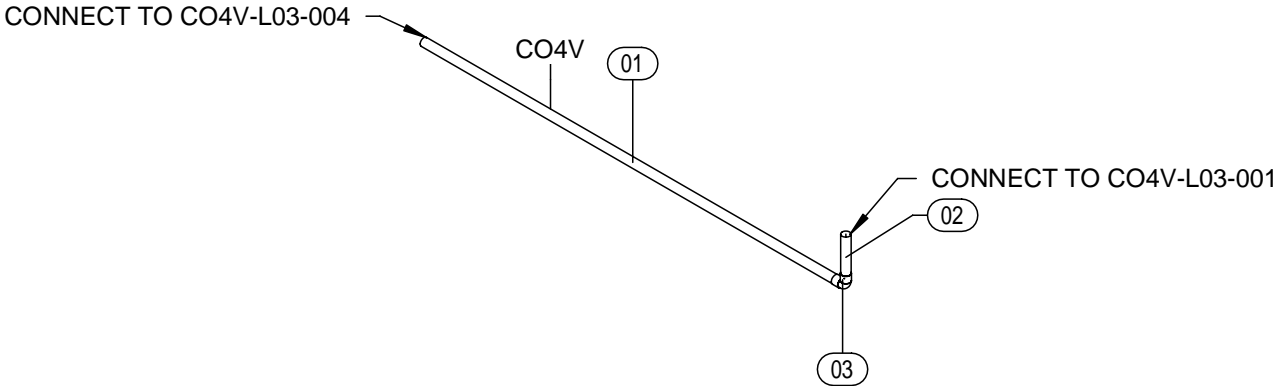
JOB: WASH U NRB  
TICKET: CO2-L03-003  
Drawn By: Author  
DATE: 08/18/21  
DATE REQ:



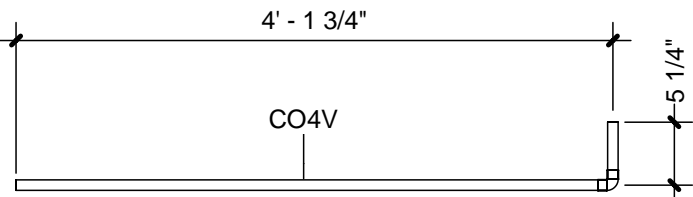
1233 N. Price Rd.  
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314-997-6600 phone

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18-08-2021 17:20:23

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	4'-1 1/4"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-4 3/4"				
03	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					



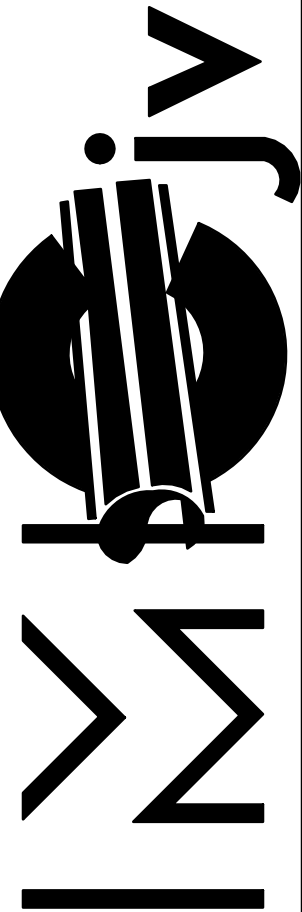
1 ISOMETRIC  
SCALE:



2 FRONT ELEVATION  
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

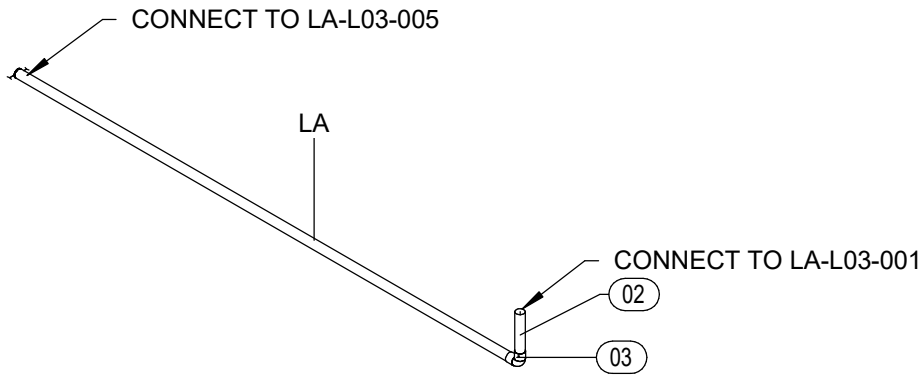
JOB:	WASH U NRB
TICKET:	CO4V-L03-003
Drawn By: Author	
DATE: 08/18/21	DATE REQ:



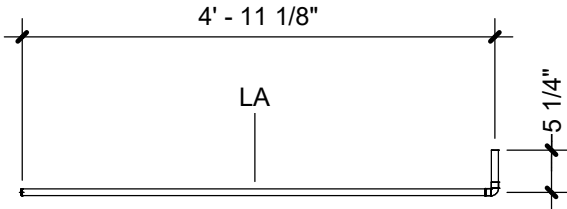
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB\\WUSM\_RB\_PUF.rvt  
8/23/2021 7:49:02 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	4'-10"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-4 3/4"				
03	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
04	2	3/4"	Generic Silfos Brazed Joint					



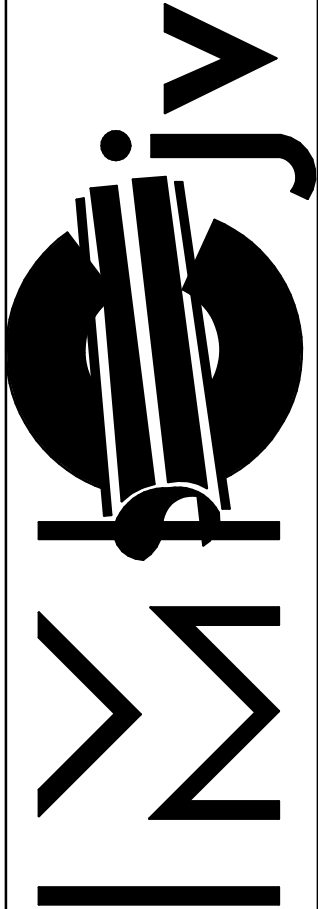
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

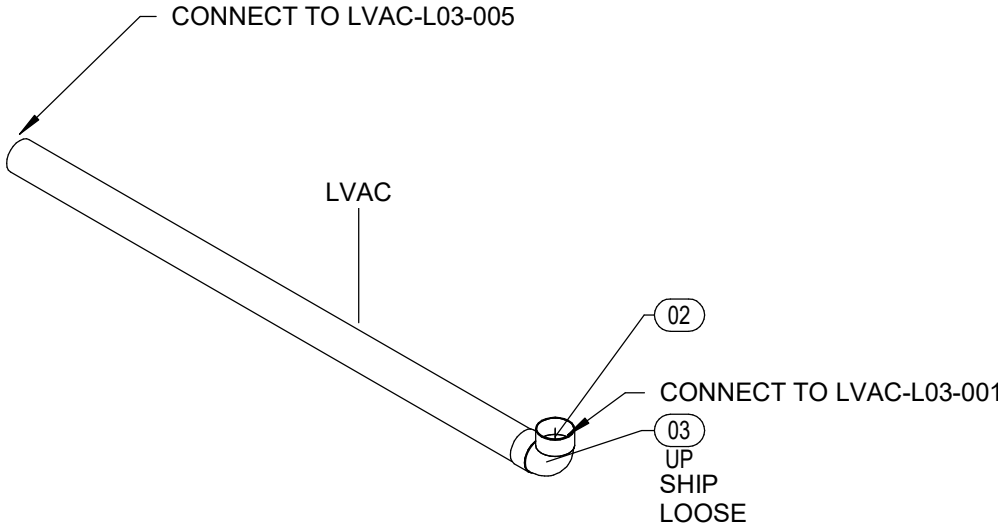
JOB: WASH U NRB  
TICKET: LA-L03-003  
Drawn By: Author  
DATE: 08/18/21 DATE REQ:



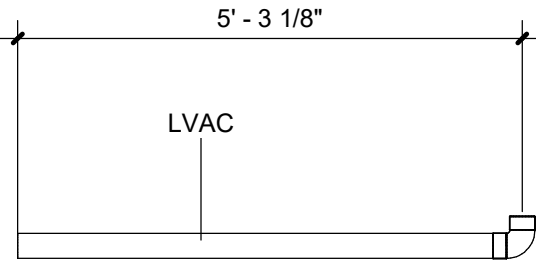
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB\\WUSM\_RB\_PUF.rvt  
8/23/2021 7:45:20 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3"	Cerro Type L Hard Copper - CFOS	5'-1 1/8"				
02	1	3"	Cerro Type L Hard Copper - CFOS	0'-1 3/4"				
03	1	3"	Nibco 607-CB CFOS Wrot 90 Elbow					



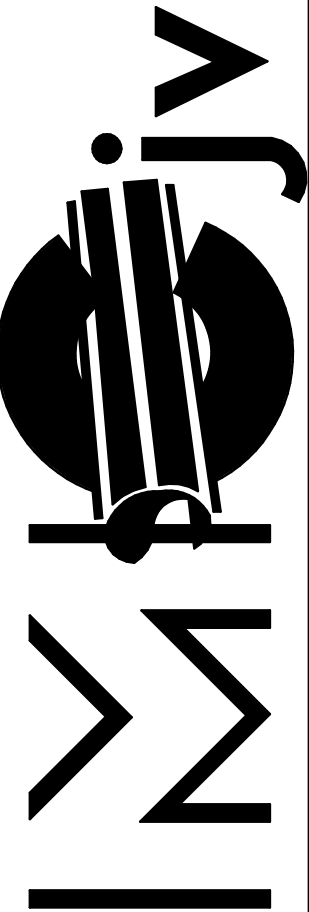
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

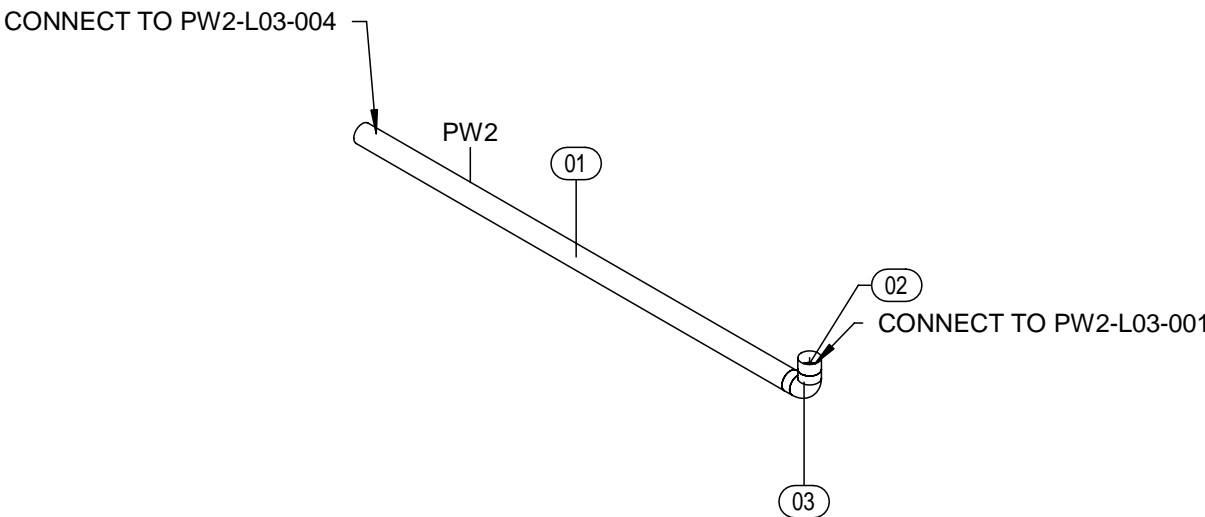
JOB:	WASH U NRB
TICKET:	LVAC-L03-003
Drawn By: Author	
DATE: 08/18/21	DATE REQ:



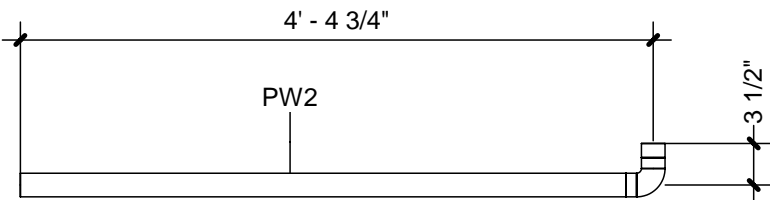
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
18-08-2021 17:49:43

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	4'-2 1/2"				
02	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	0'-1 3/16"				
03	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow					



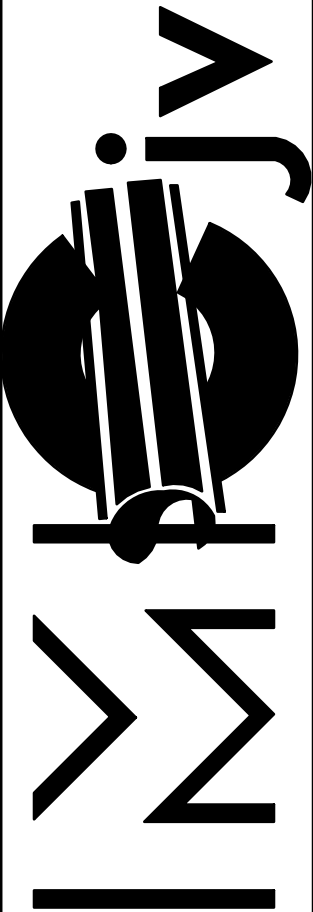
1 **ISOMETRIC**  
SCALE:



2 **FRONT ELEVATION**  
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW2-L03-003
Drawn By: Author	
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