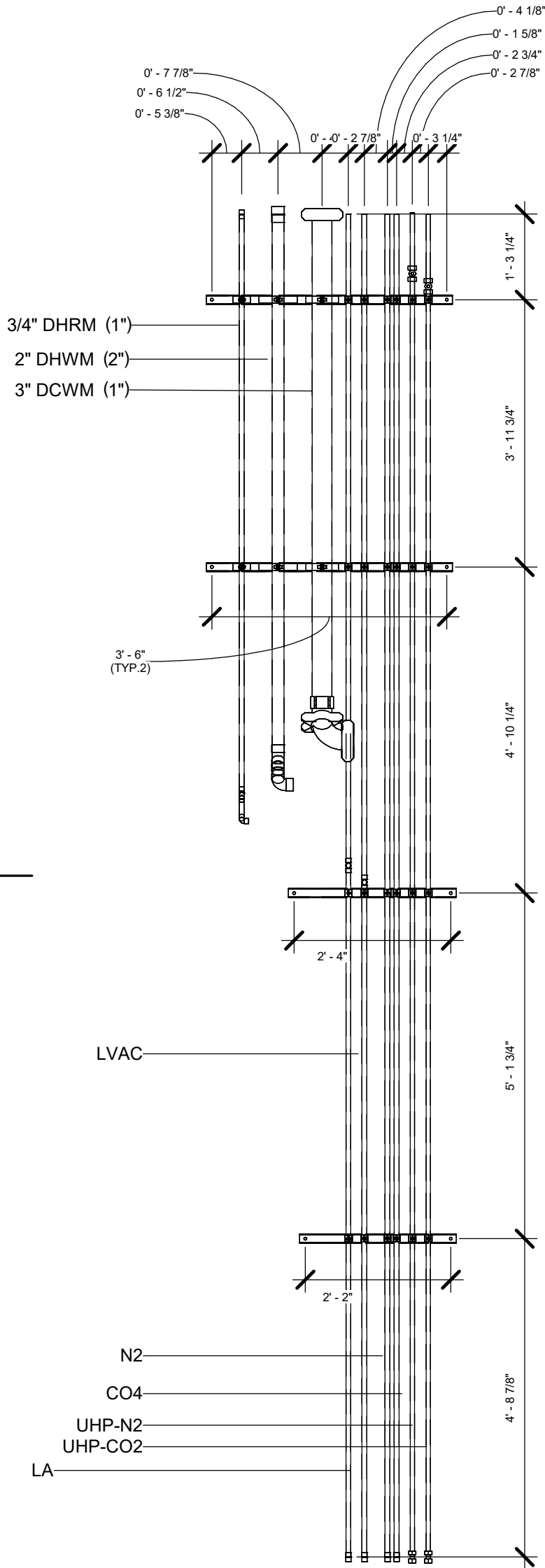
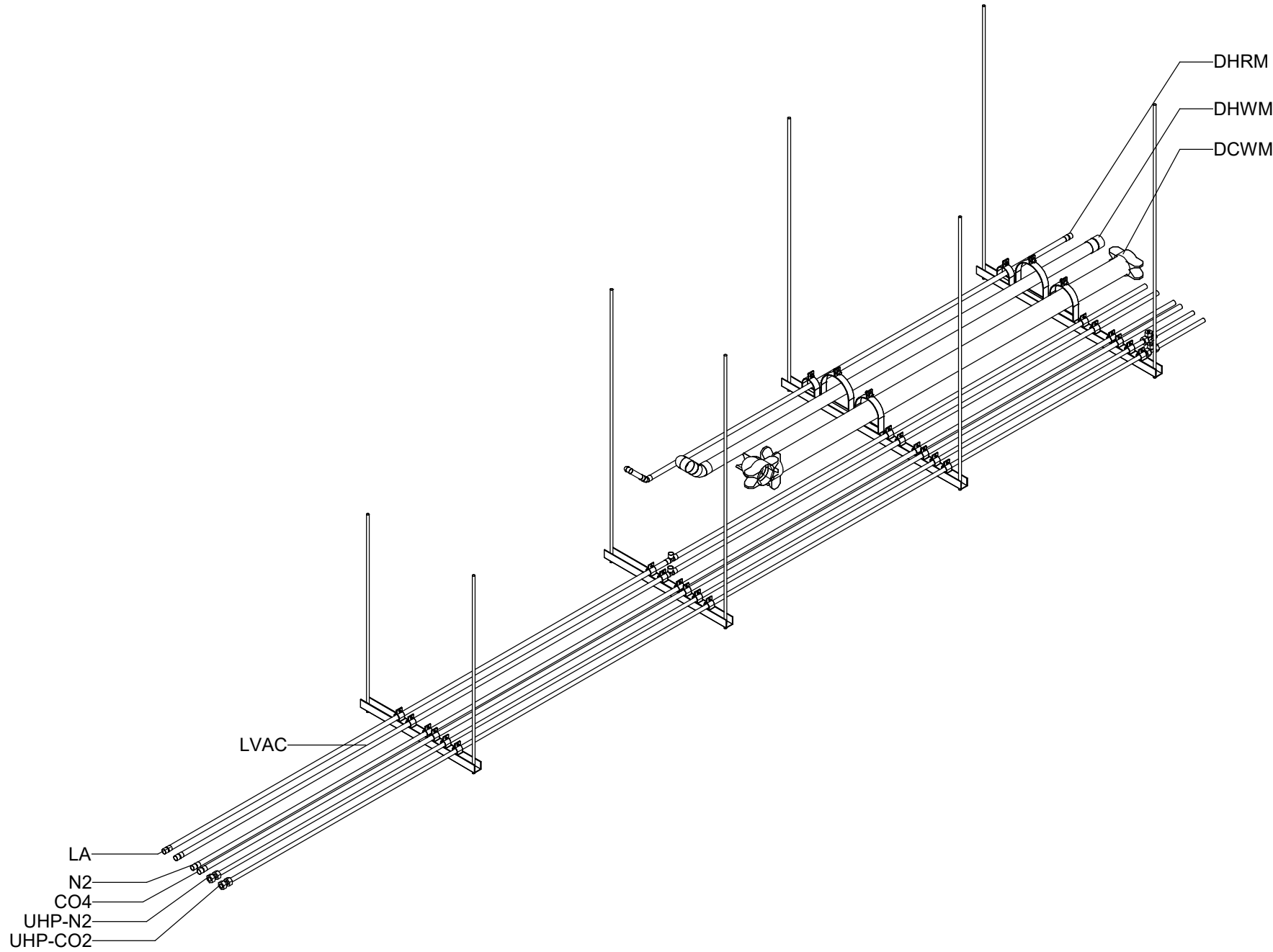


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9/13/2021 3:36:37 PM



2 AS-L03-019 - ISOMETRIC  
AS-L03-019 SCALE:

1 AS-L03-019  
AS-L03-019 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

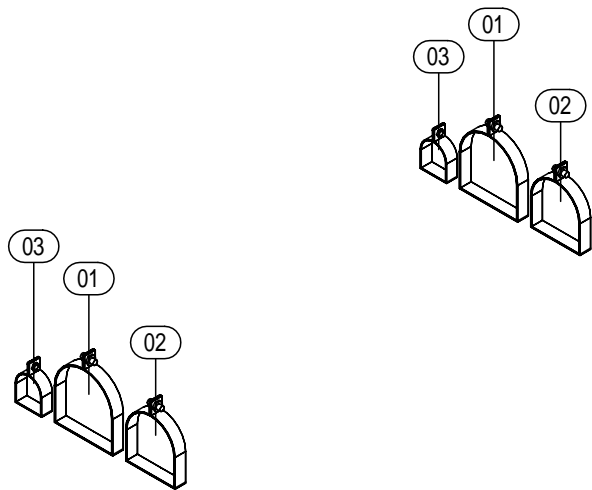
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TICKET: AS-L03-019  
Drawn By: Author  
DATE: 08/09/21  
DATE REQ:



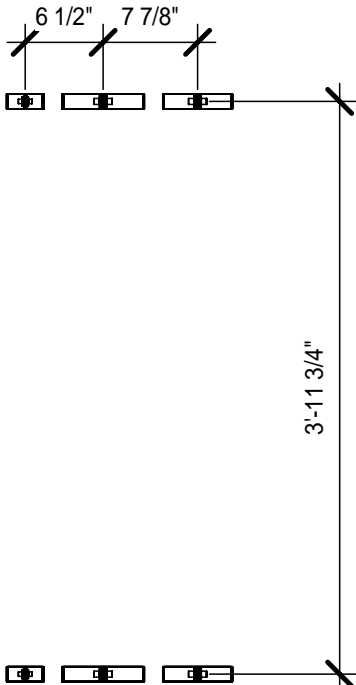
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB/WUSM\_RB\_PLF.rvt  
12-08-2021 11:06:55

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>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	6 1/8"	B-LINE #2110					
02	2	5 1/8"	B-LINE #2062					
03	2	2 7/8"	B-LINE #2014					



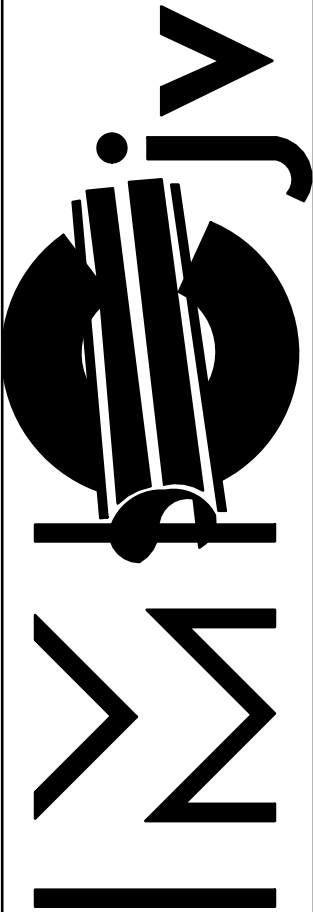
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

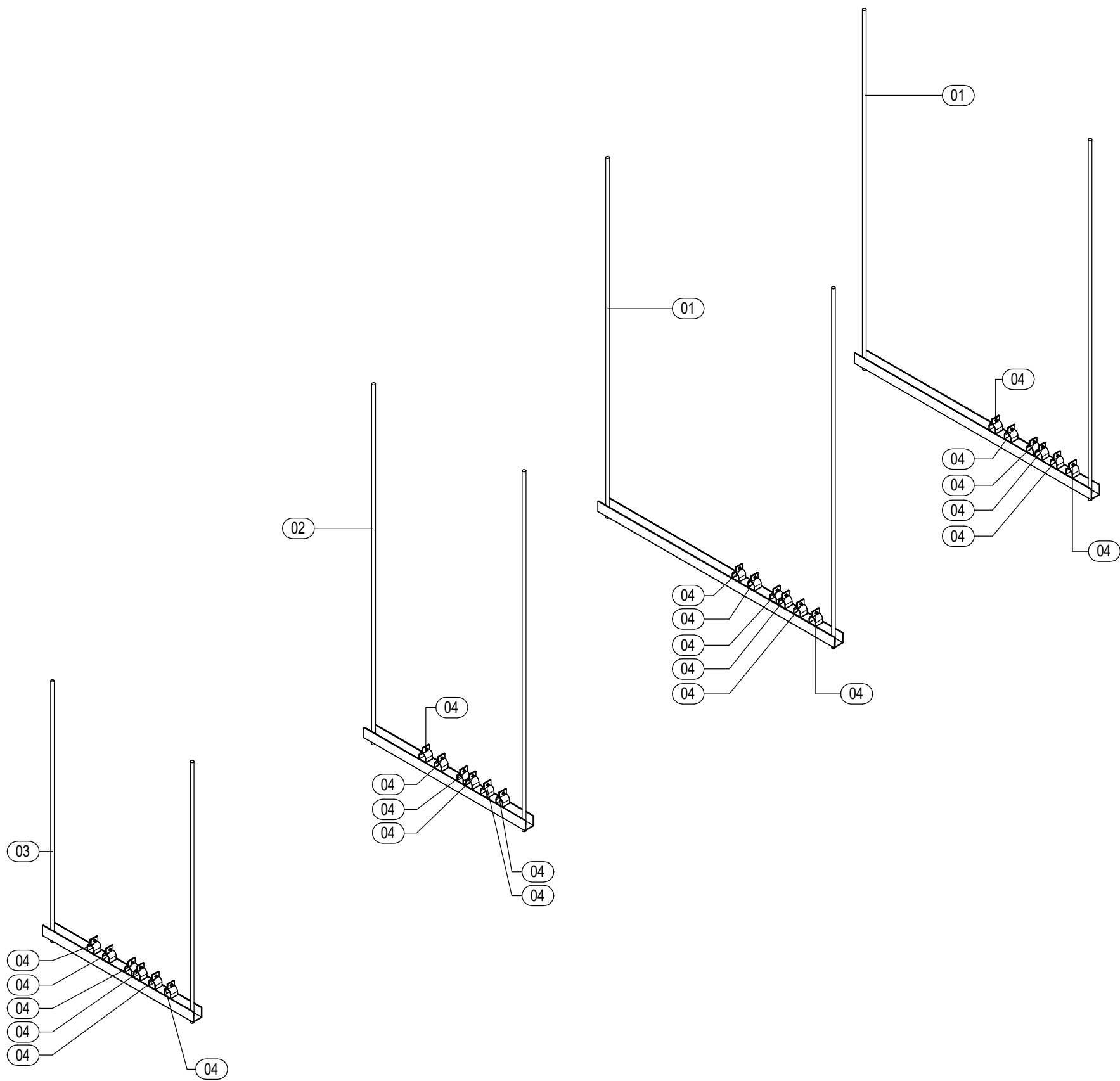
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TICKET:	PPHGR-L03-019
Drawn By: Author	
DATE: 08/12/21	DATE REQ:



1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
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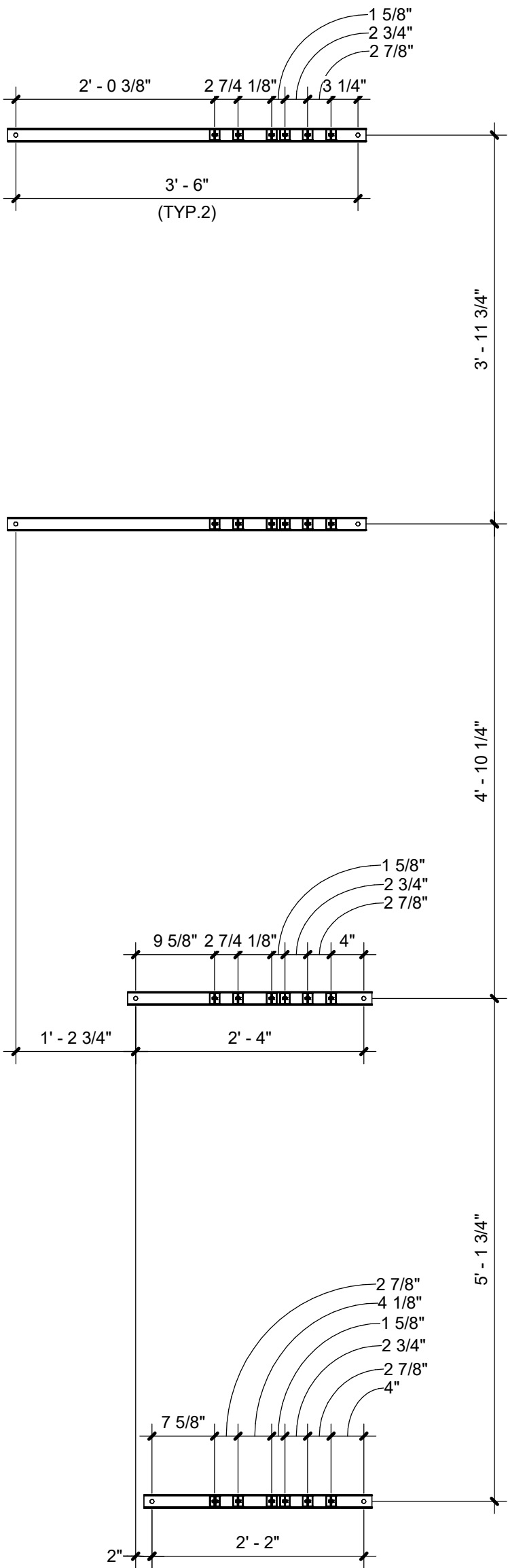
BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
9/13/2021 1:57:14 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	2	40"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		3' - 8"	4' - 10"	4' - 10"	
02	1	26"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		2' - 6"	4' - 10"	4' - 10"	
03	1	24"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		2' - 4"	3' - 6"	3' - 6"	
04	25	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"	0"	0"	



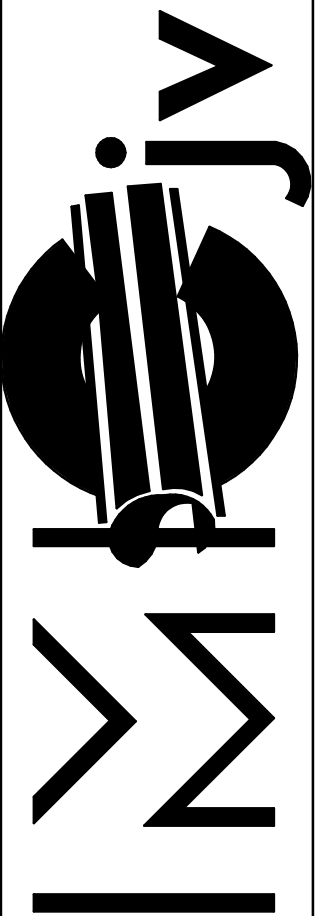
1 ISOMETRIC  
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4



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

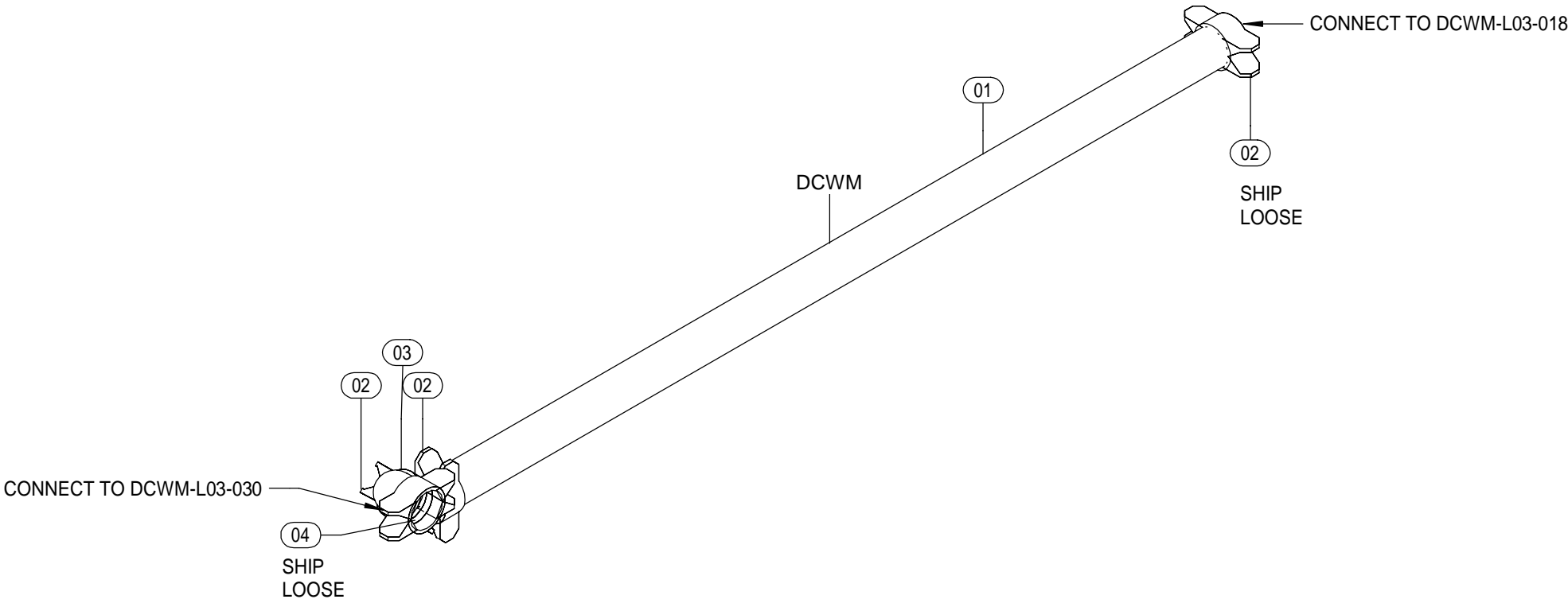
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Drawn By: Author	
DATE: 08/11/21	DATE REQ:



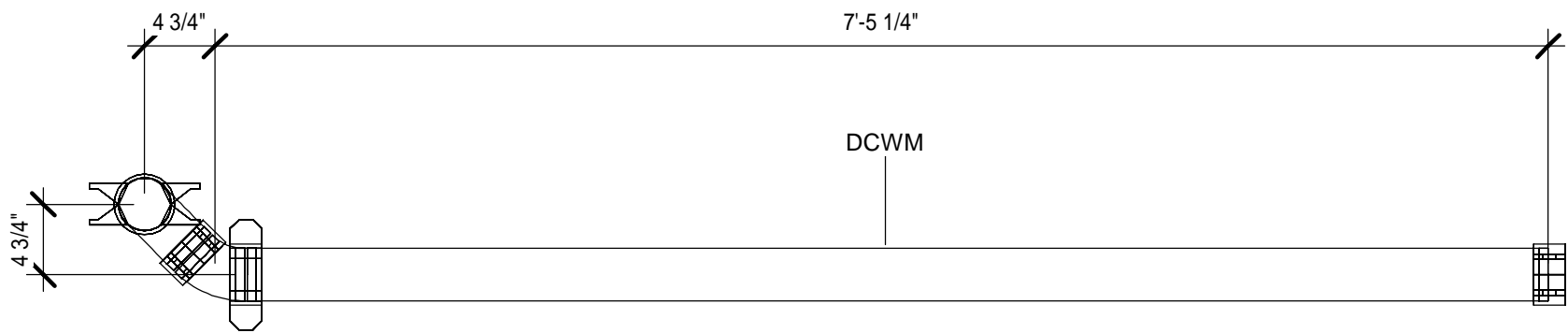
1233 N. Price Rd.  
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BIM 360://WUSM NRBWUSM\_RB\_PLF.rvt  
09-08-2021 15:45:11

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3"	Brismet Sch 10S A312 EFW 304 PIPE	7'-3 1/16"				1"
02	4	3"	Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl					1"
03	1	3"	Victaulic Sch 10S 316L A-403 GRV 90 Deg Ell No 410-SS					1"
04	1	3"	Victaulic Sch 10S 316L A-403 GRV 45 Deg Ell No 411-SS					1"



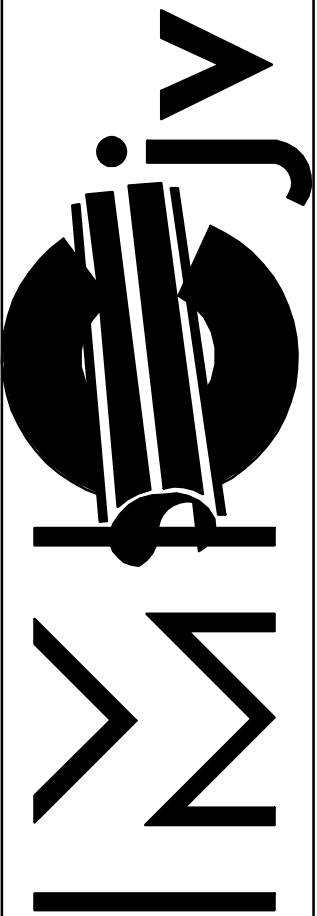
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

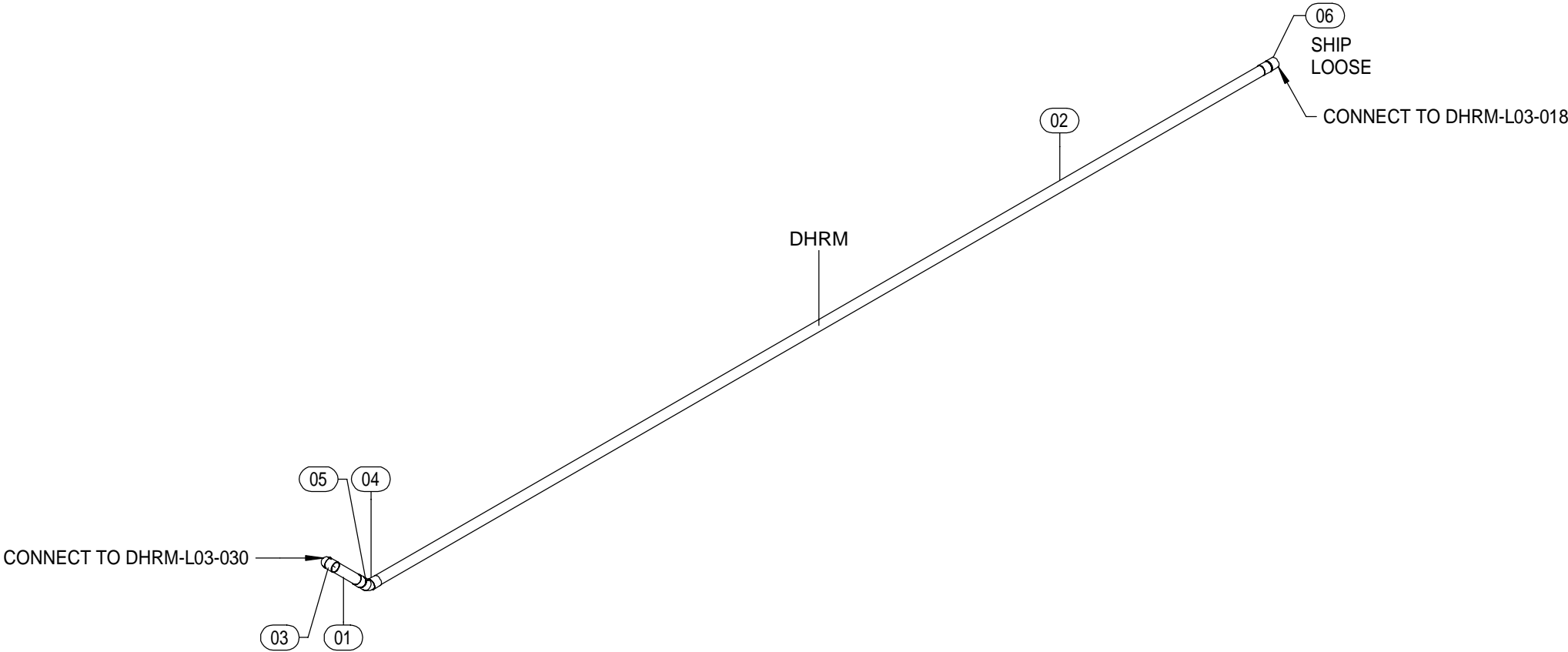
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TICKET:	DCWM-L03-019
Drawn By: Author	
DATE: 08/09/21	DATE REQ:



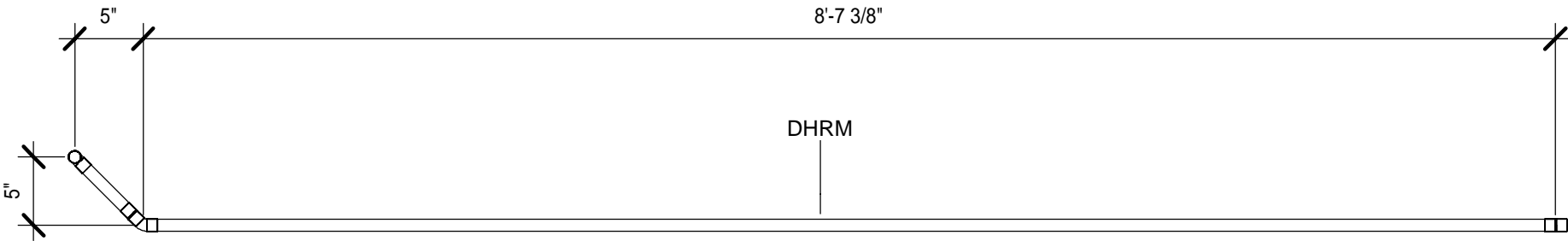
1233 N. Price Rd.  
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314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_PLF.rvt  
09-08-2021 15:52:02

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe	0'-5 7/16"				1"
02	1	3/4"	Cerro Type L Hard Copper Pipe	8'-7"				1"
03	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	1	3/4"	Nibco Wrot 606-2 45 Deg Ftg Ell FTGxC					1"
05	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
06	1	3/4"	Elkhart 100 Wrot Coupling with Stop					1"



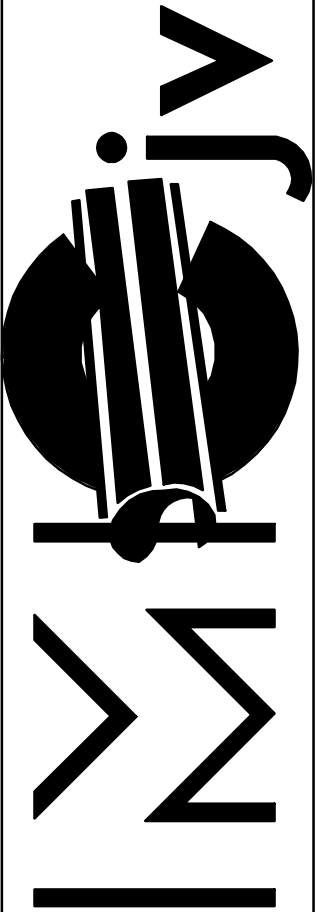
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

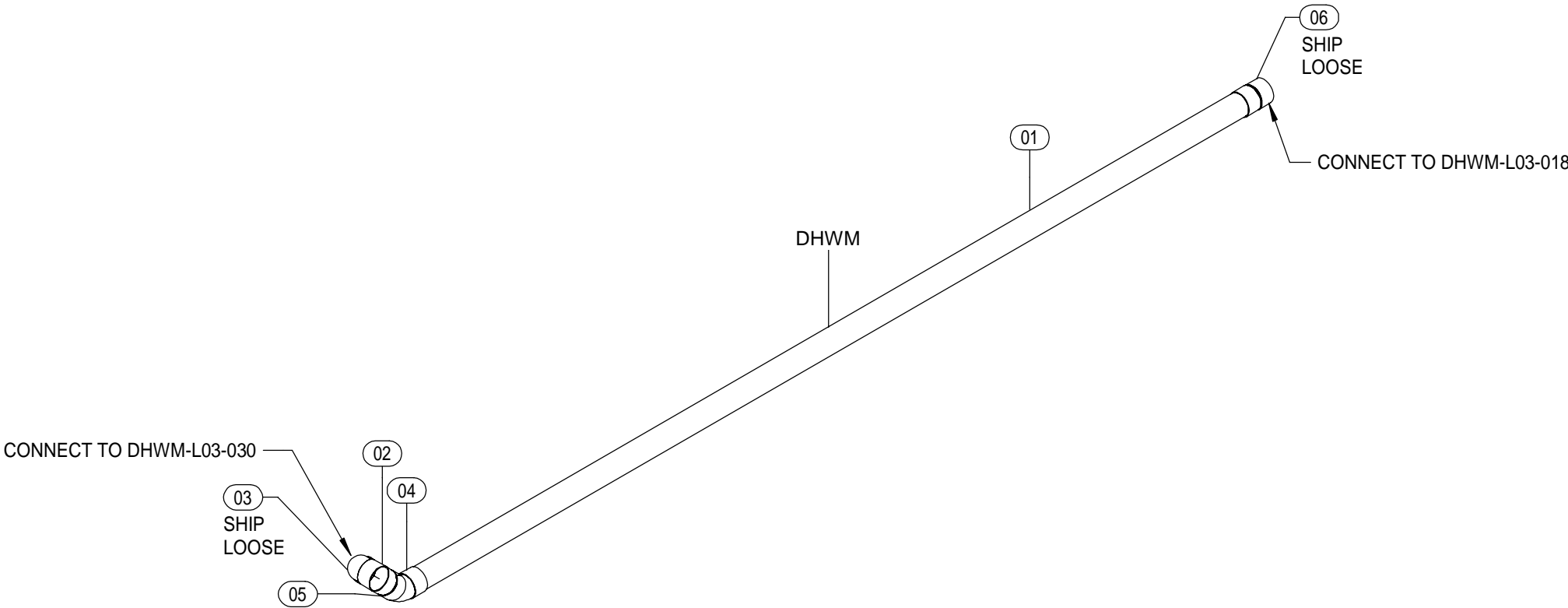
JOB: WASH U NRB	TICKET: DHRM-L03-019	Drawn By: Author	DATE REQ: 08/09/21
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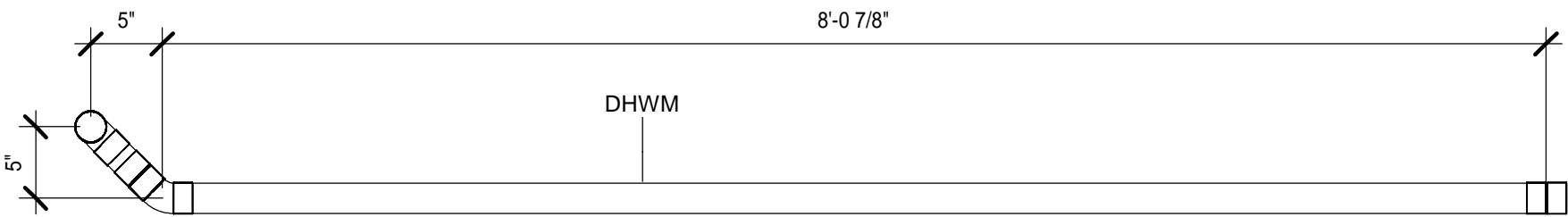
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_PLF.rvt  
09-08-2021 16:00:35

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe	8'-0 1/16"				2"
02	1	2"	Cerro Type L Hard Copper Pipe	0'-3 3/8"				2"
03	1	2"	Nibco Wrot 607 90 Deg Ell CxC					2"
04	1	2"	Nibco Wrot 606-2 45 Deg Ftg Ell FTGxC					2"
05	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"
06	1	2"	Elkhart 100 Wrot Coupling with Stop					2"



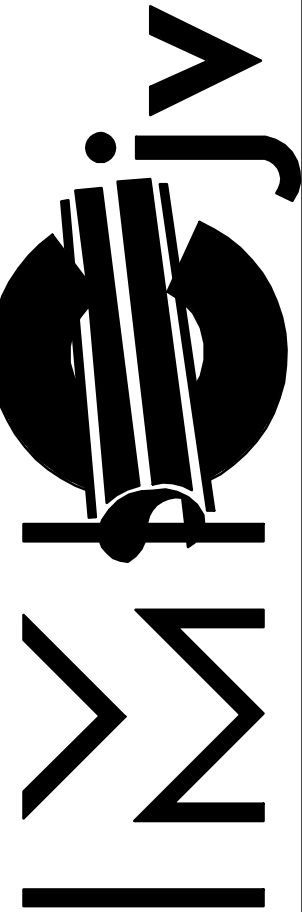
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	DHWM-L03-019
Drawn By: Author	
DATE: 08/09/21	DATE REQ:

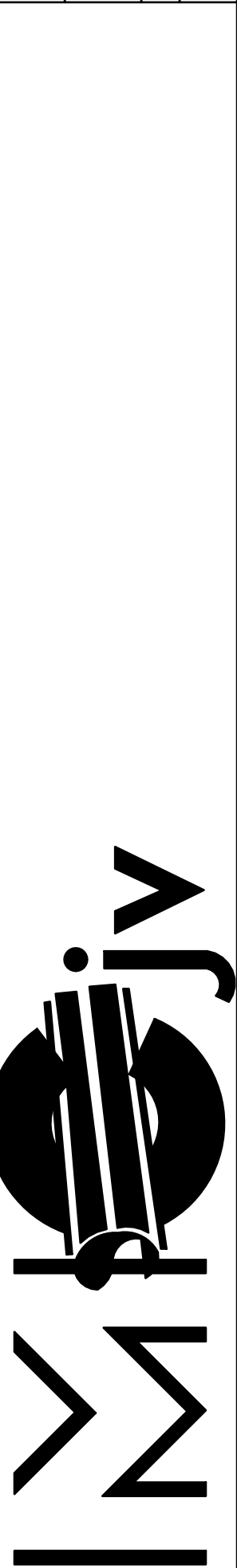


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314-997-6600 phone

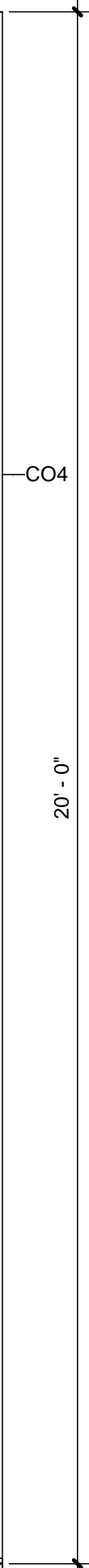
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12-08-2021 12:42:34

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					

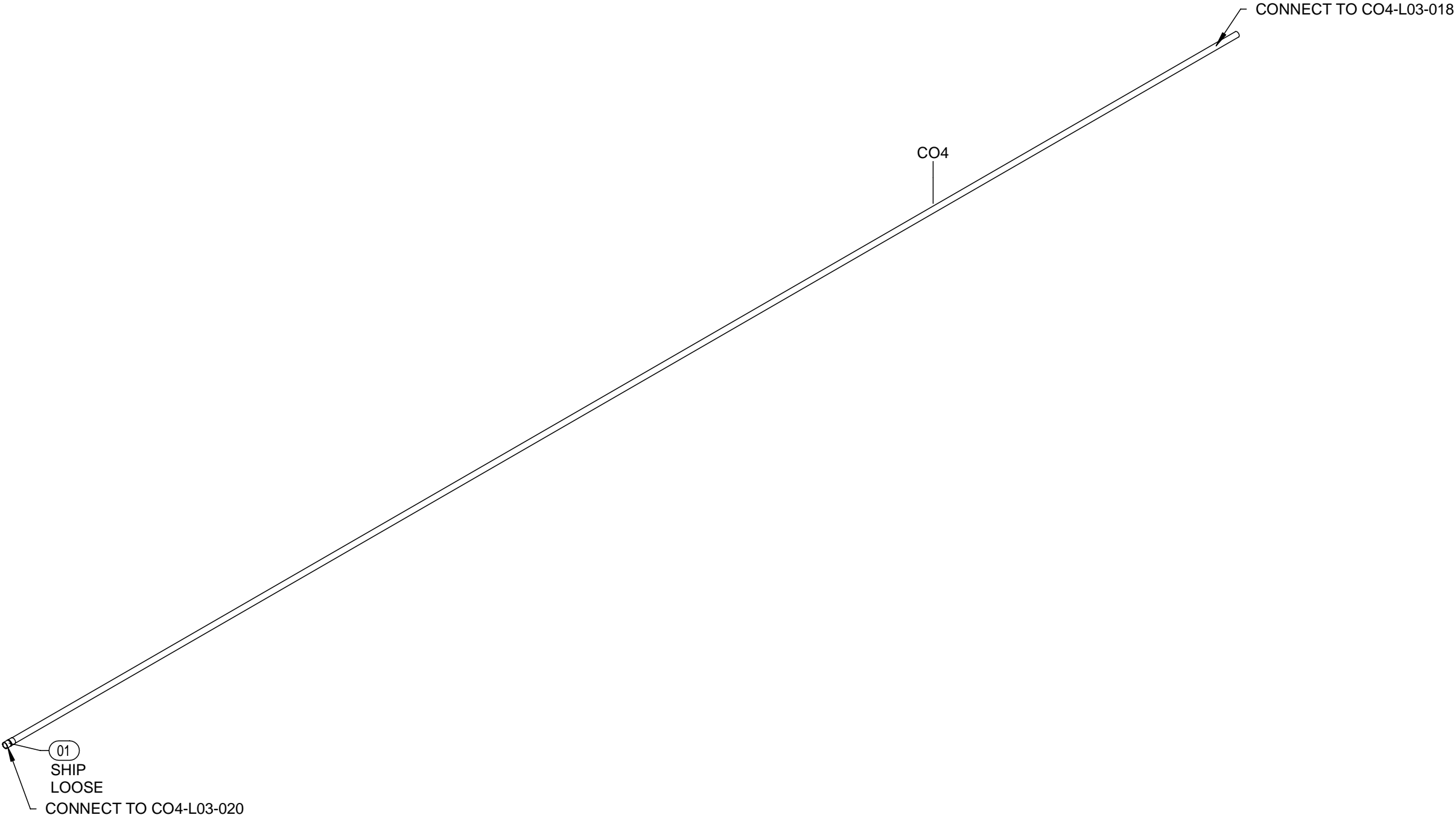
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TICKET:	CO4-L03-019
Drawn By: Author	
DATE: 08/12/21	DATE REQ:



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



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

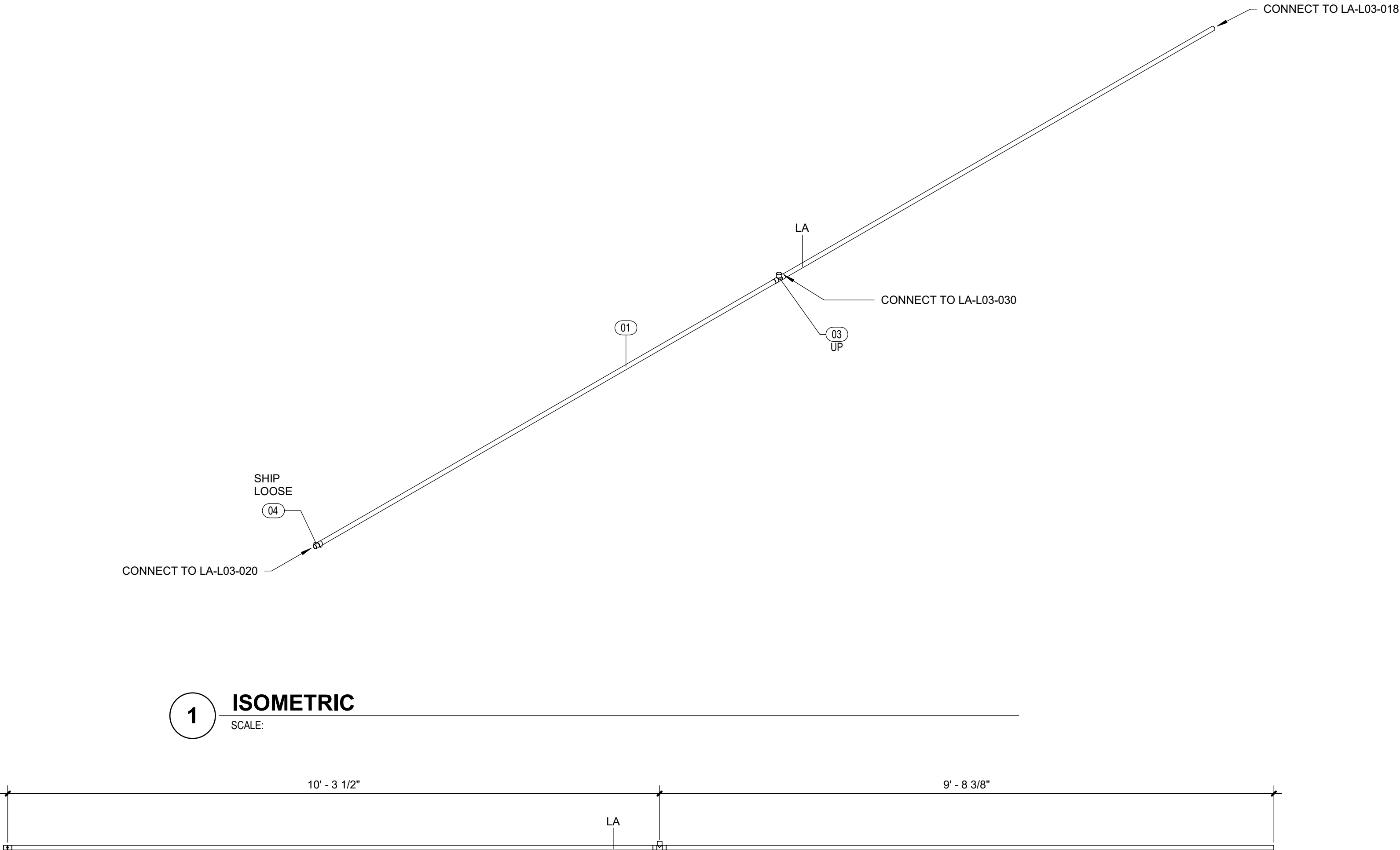


1 ISOMETRIC  
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
9/13/2021 1:52:51 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	10'-3"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	9'-7 7/8"				
03	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee					
04	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					
05	2	3/4"	Generic Silfos Brazed Joint					

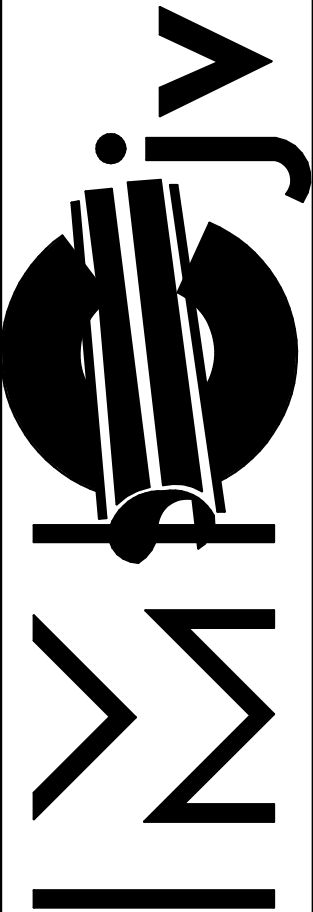


1 ISOMETRIC  
SCALE:

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	LA-L03-019
Drawn By: Author	
DATE: 08/12/21	DATE REQ:

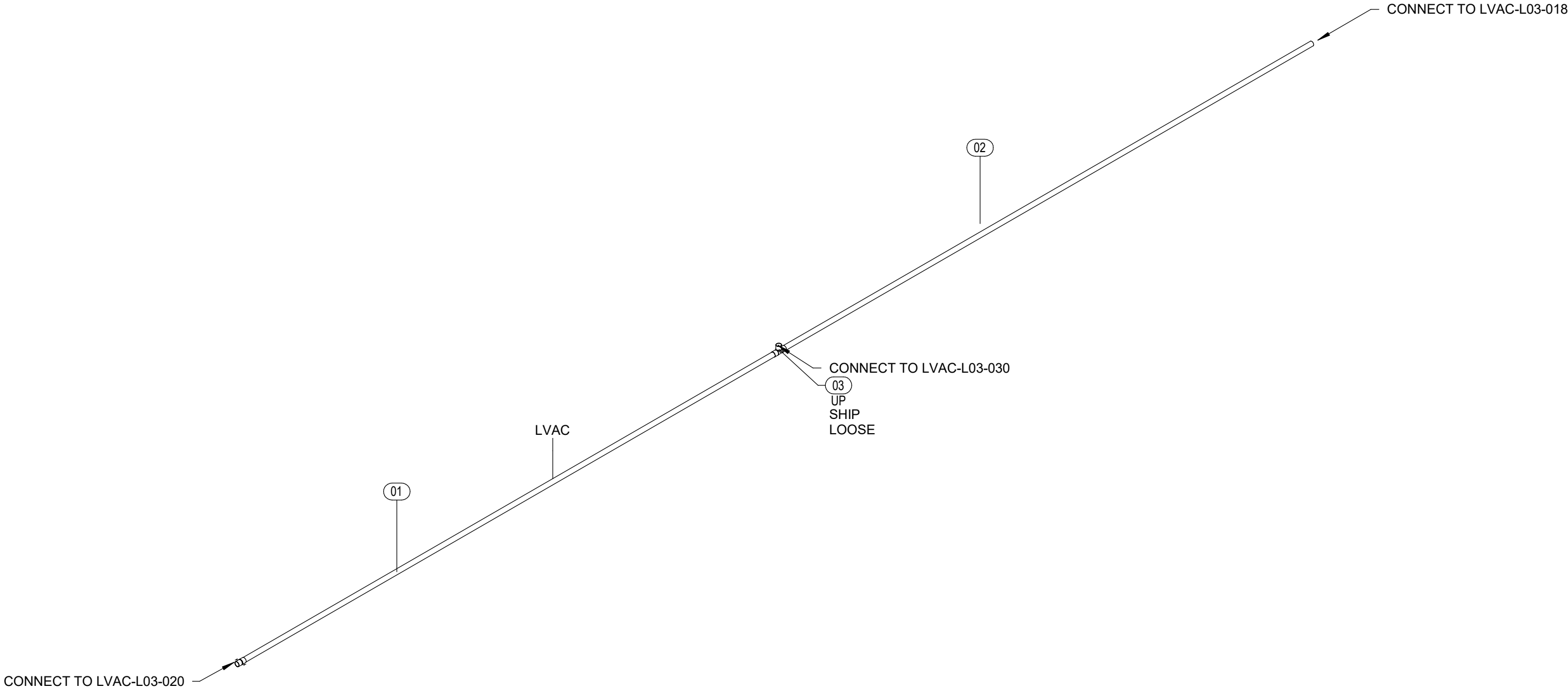


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St. Louis, Mo 63132-2303  
314-997-6600 phone



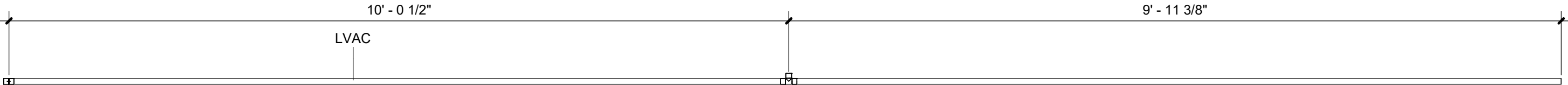
BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
9/13/2021 2:07:18 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	10'-0"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	9'-10 7/8"				
03	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee					
04	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					
05	2	3/4"	Generic Silfos Brazed Joint					



1 ISOMETRIC

SCALE:

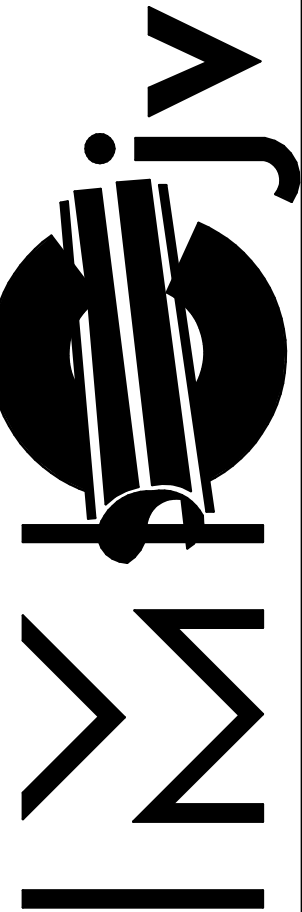


2 RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

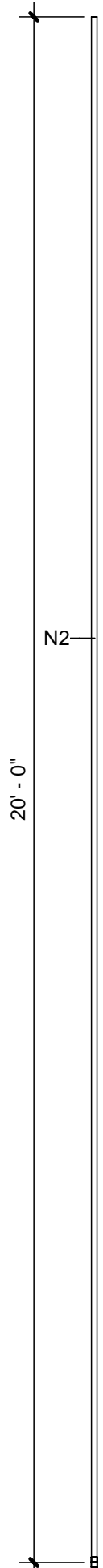
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TICKET:	LVAC-L03-019
Drawn By: Author	
DATE: 08/12/21	DATE REQ:



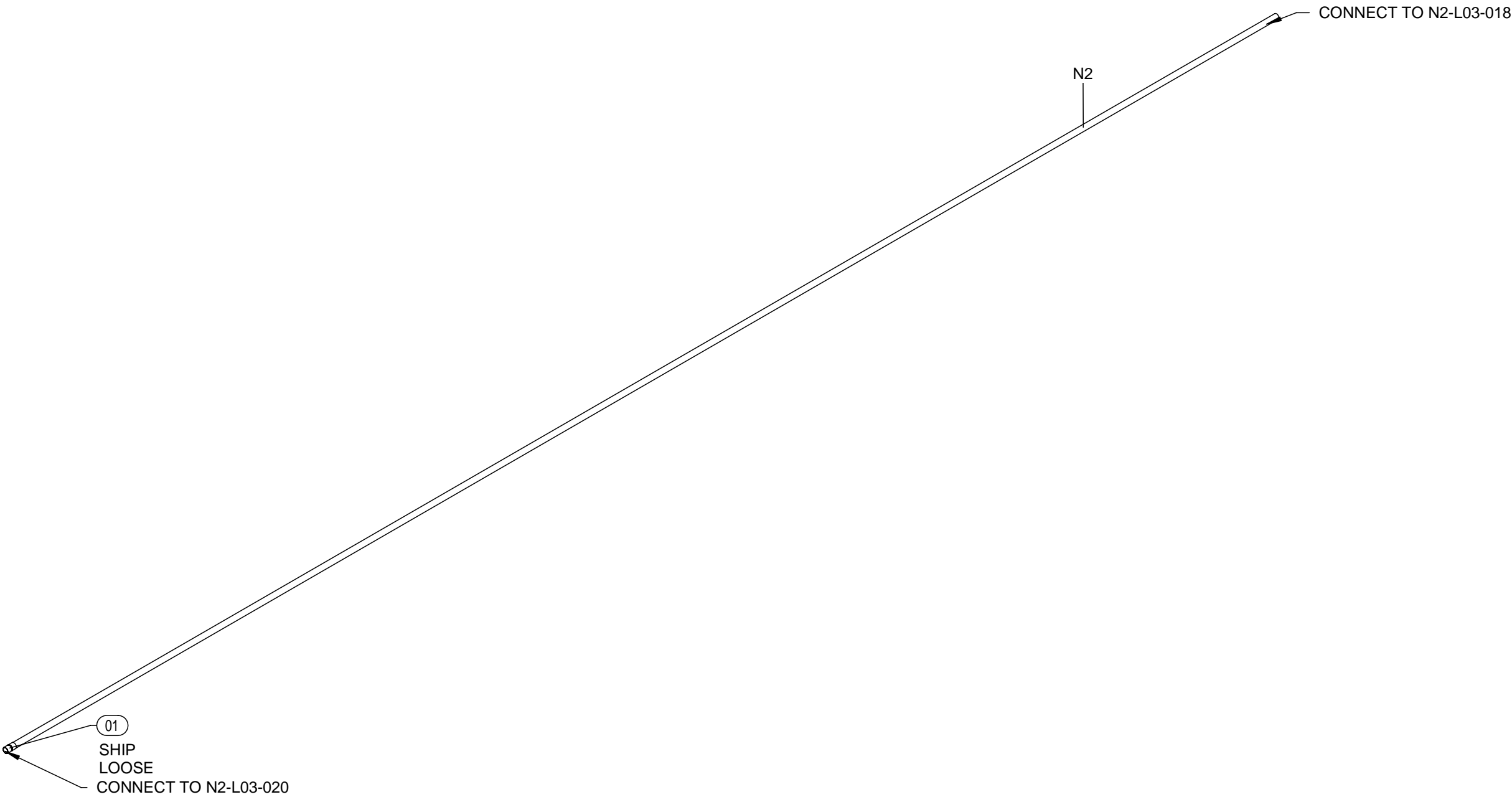
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
12-08-2021 12:33:59

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



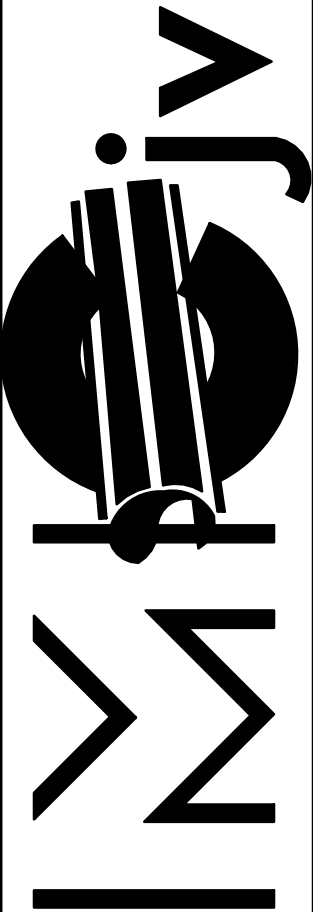
2 TOP VIEW  
SCALE: 1/2" = 1'-0"



1 ISOMETRIC  
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

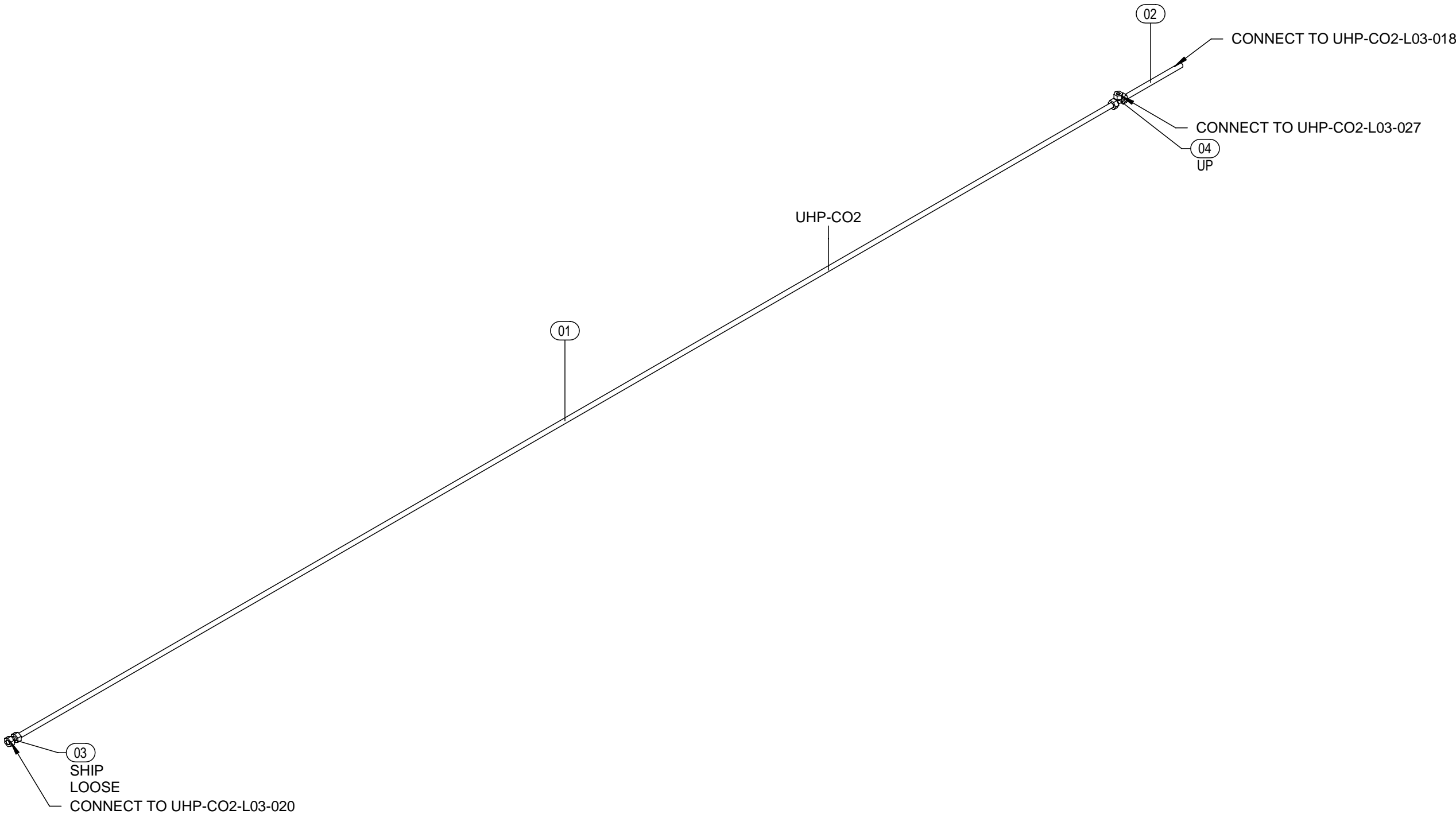
JOB:	WASH U NRB
TICKET:	N2-L03-019
Drawn By: Author	
DATE: 08/12/21	DATE REQ:



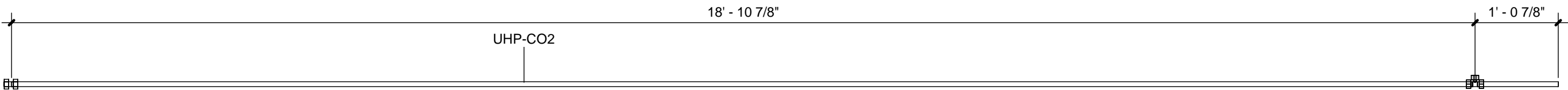
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
10-08-2021 16:27:21

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	18'-10 9/16"				
02	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-0 1/2"				
03	1	3/4"	Swagelok SS316 Compression Union Coupling					
04	1	3/4"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee					



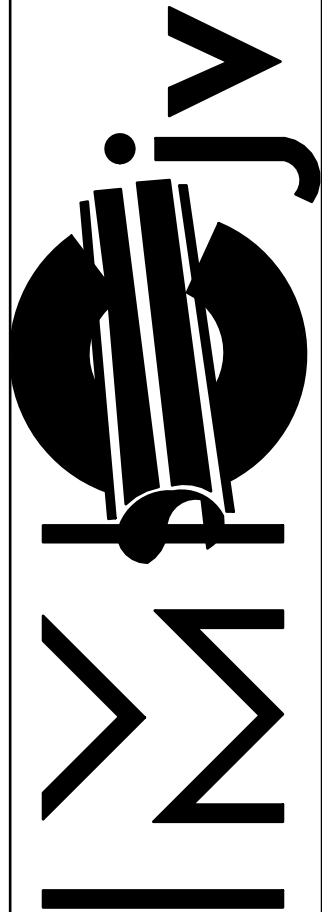
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

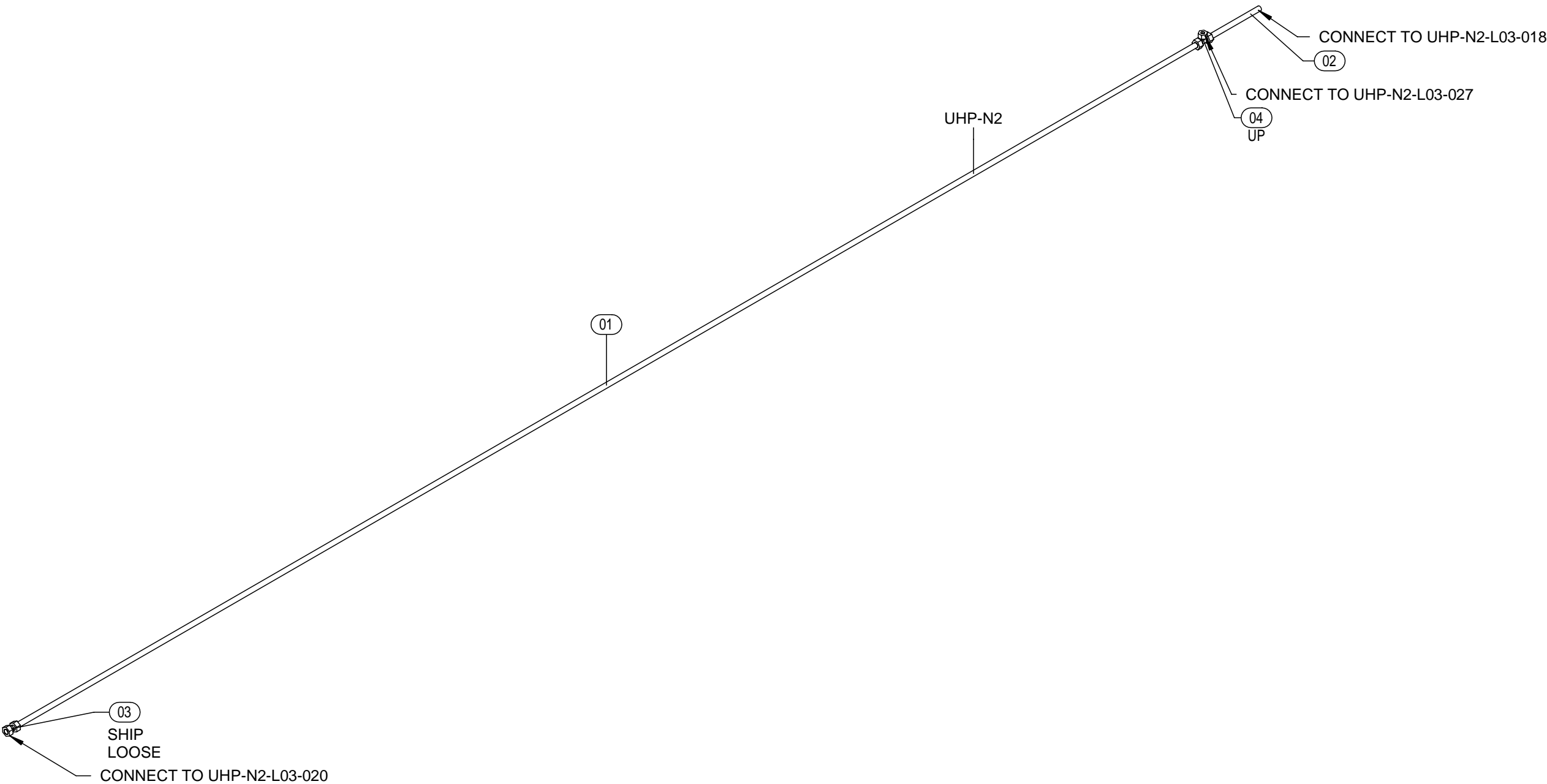
JOB:	WASH U NRB
TICKET:	UHP-CO2-L03-019
Drawn By: Author	
DATE: 08/12/21	DATE REQ:



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St. Louis, Mo 63132-2303  
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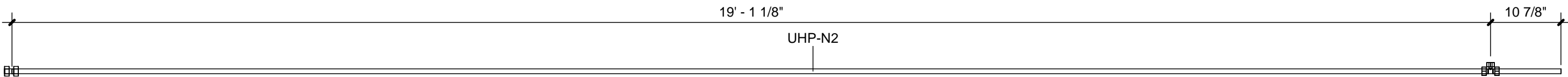
BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
10-08-2021 14:54:02

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	19'-0 13/16"				
02	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-10 1/2"				
03	1	3/4"	Swagelok SS316 Compression Union Coupling					
04	1	3/4"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee					



1 ISOMETRIC

SCALE:

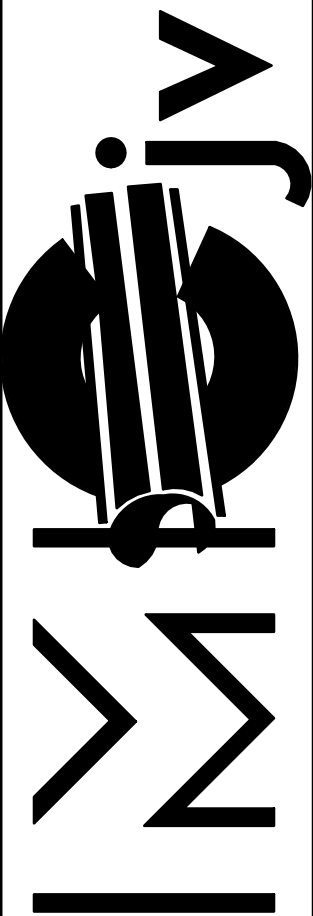


2 RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	UHP-N2-L03-019
Drawn By: Author	
DATE: 08/12/21	DATE REQ:



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314-997-6600 phone