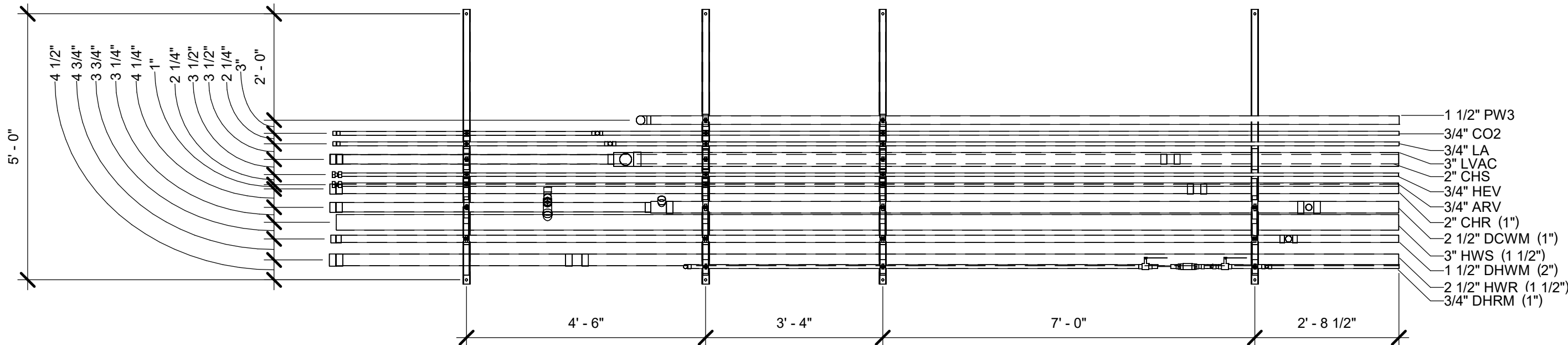
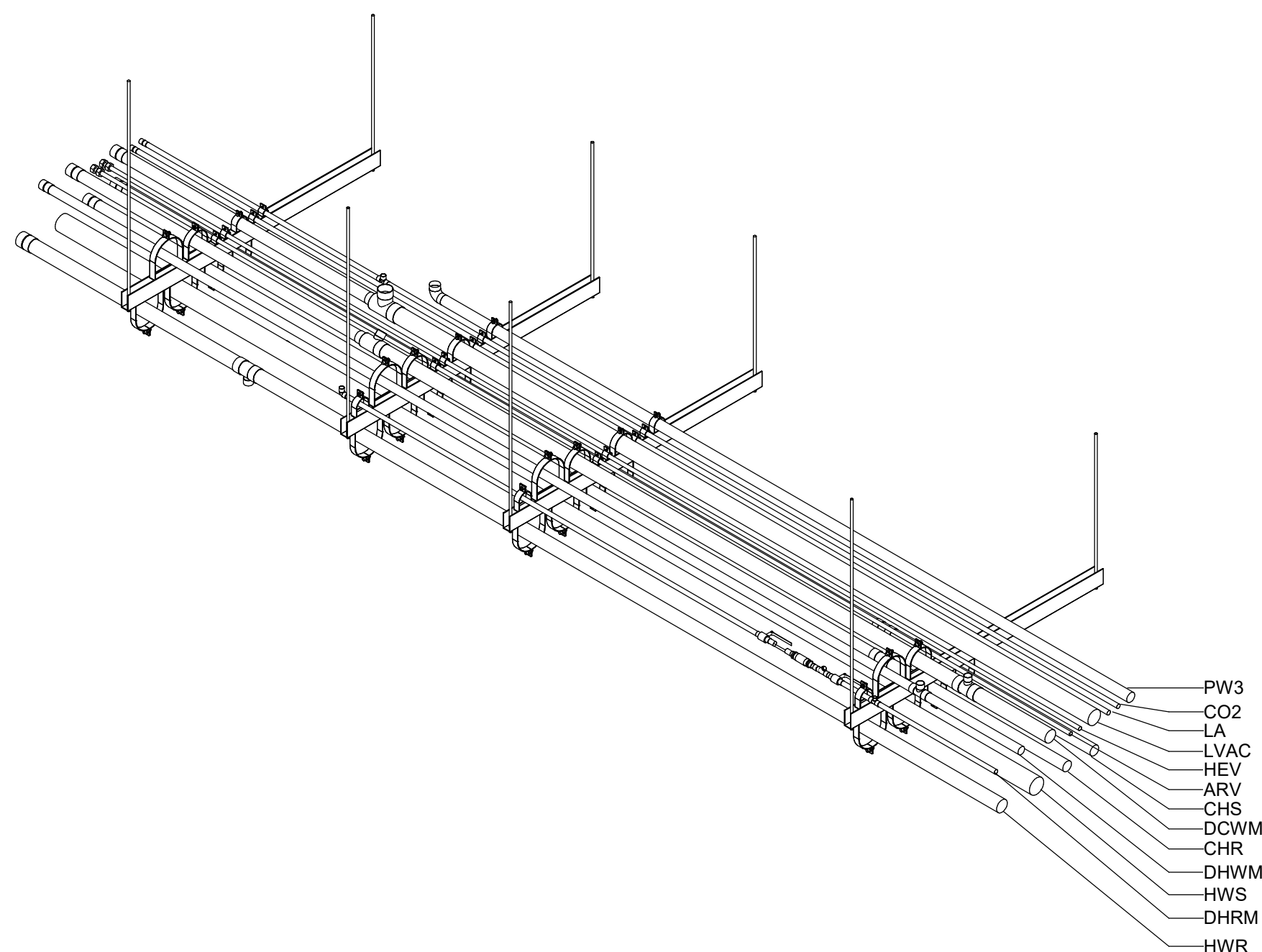


BIM 360/WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
11/8/2021 10:11:43 AM



2 AS-L06-043
AS-L06-043 SCALE: 1/2" = 1'-0"



1 AS-L06-043 - ISOMETRIC
AS-L06-043 SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

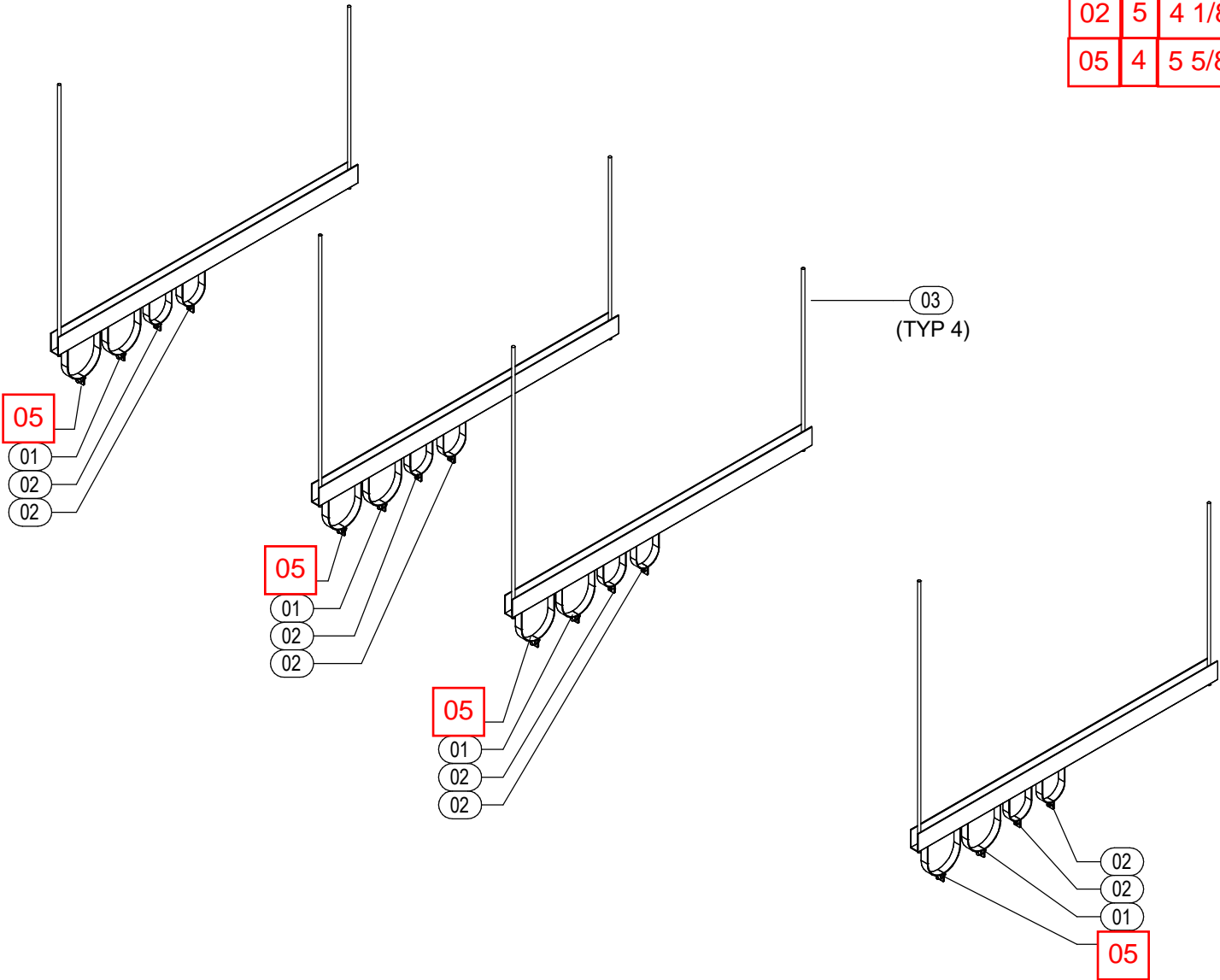
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TICKET: AS-L06-043
Drawn By: Author
DATE: 10/27/21 DATE REQ:



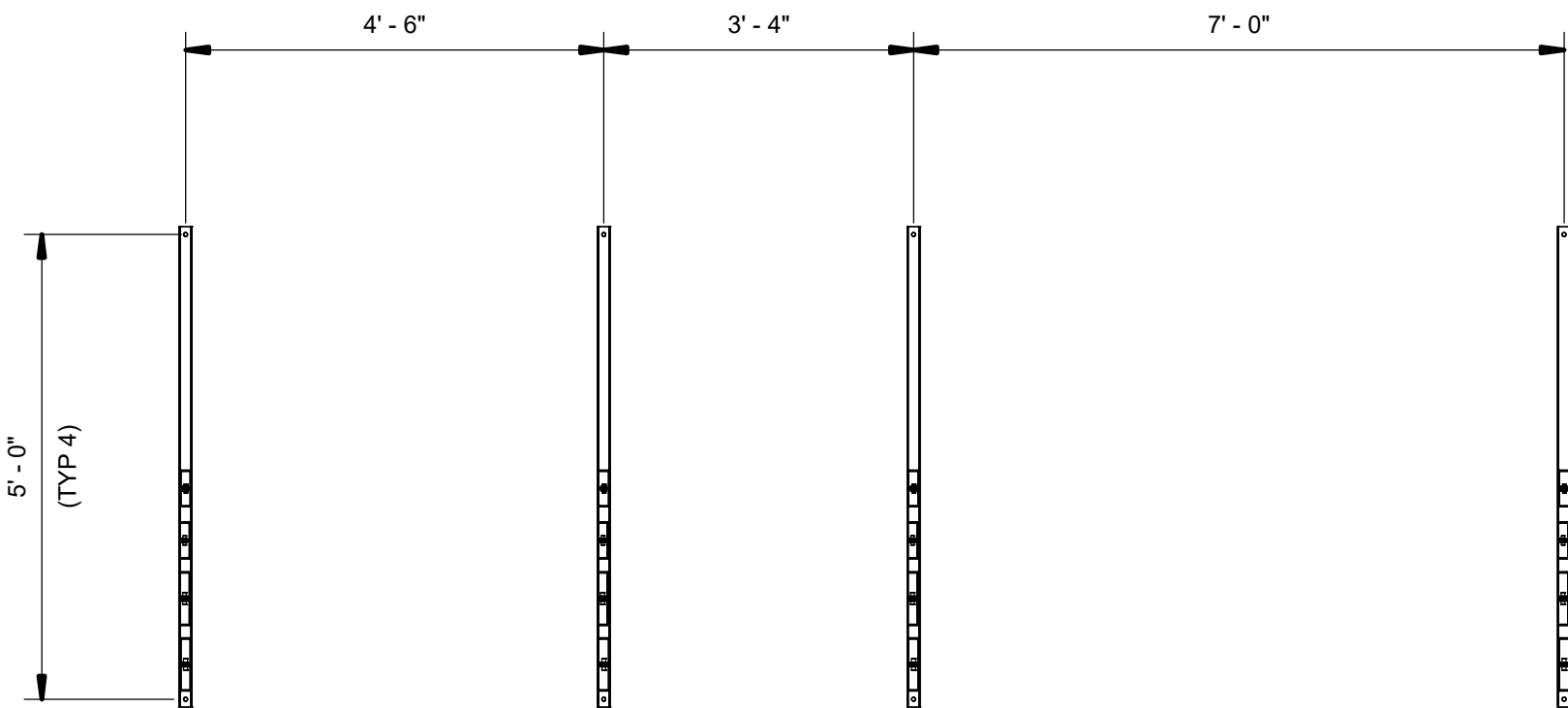
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

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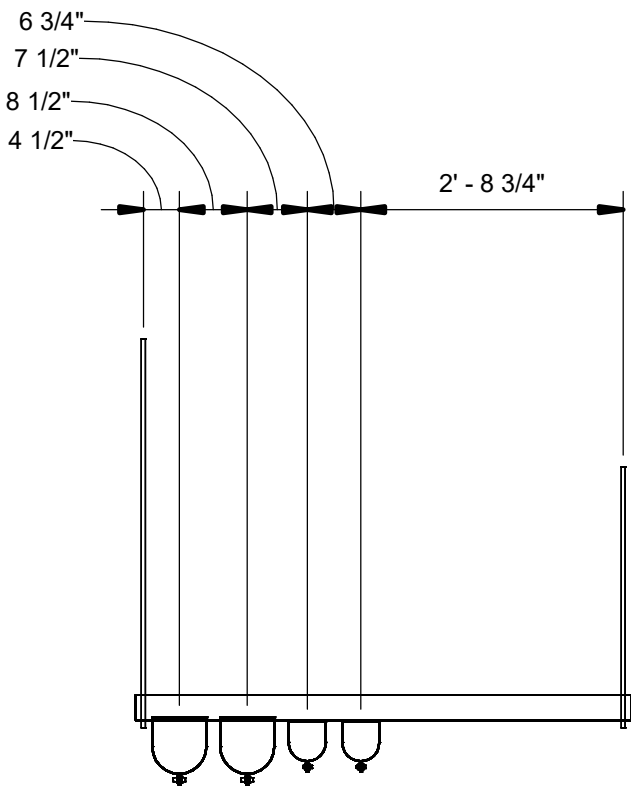
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	8	6"	B-Line B2000 ZN-Gal 10 Pipe Clamp					
02	8	4"	B-Line B2000 ZN-Gal 10 Pipe Clamp					
03	4	58"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		5' - 2"	4' - 0 5/8"	2' - 8 5/8"	
01	4	6 5/8"	B-LINE #2020					
02	5	4 1/8"	B-LINE #2054					
05	4	5 5/8"	B-LINE #2066					



1 ISOMETRIC
SCALE:



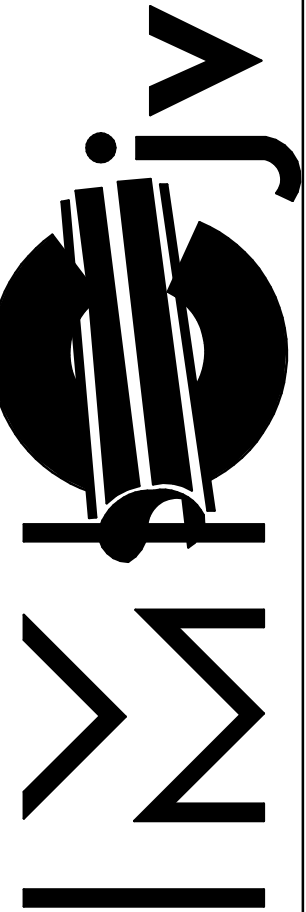
2 TOP VIEW
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

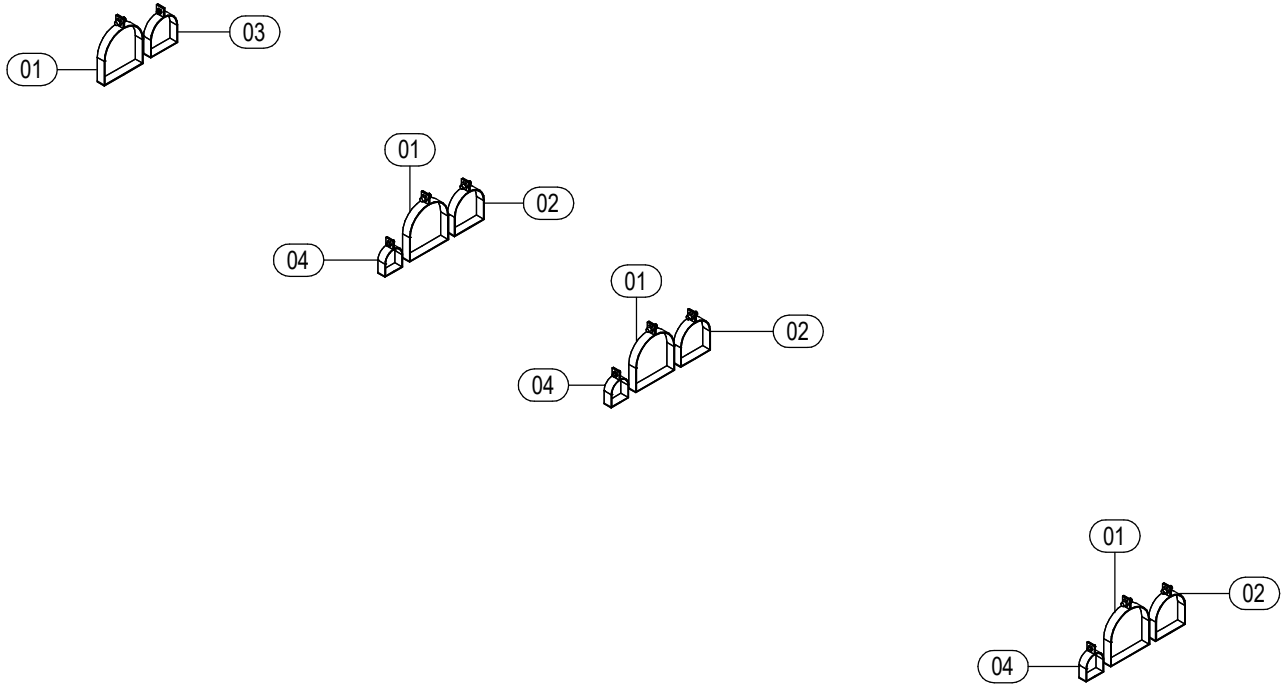
JOB:	WASH U NRB
TICKET:	HPHGR-L06-043
Drawn By: Author	
DATE: 10/11/21	DATE REQ:



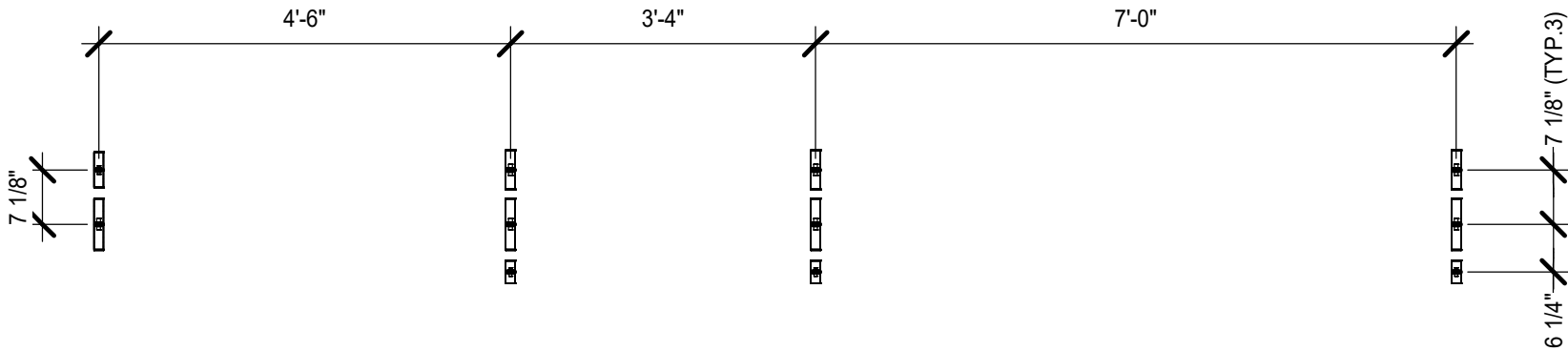
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
11/4/2021 8:05:44 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	6"	B-Line B2000 ZN Sch 40 Pipe Clamp					
02	3	4.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
03	1	4"	B-Line B2000 ZN Sch 40 Pipe Clamp					
04	3	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
01	4	5 5/8"	B-LINE #2066					
02	4	4 5/8"	B-LINE #2058					
03	4	4 1/8"	B-LINE #2054					
04	3	2 7/8"	B-LINE #2014					



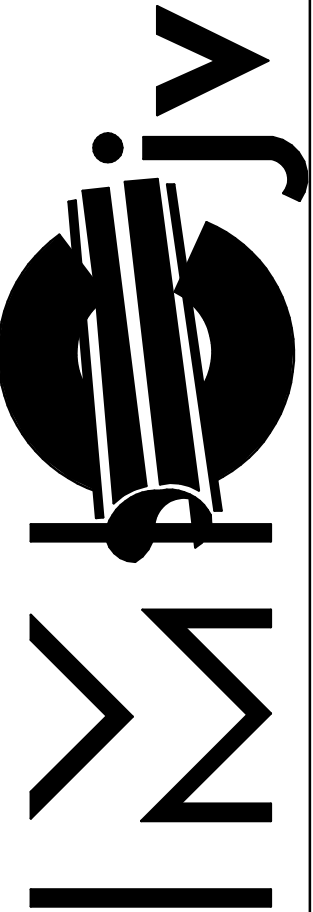
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

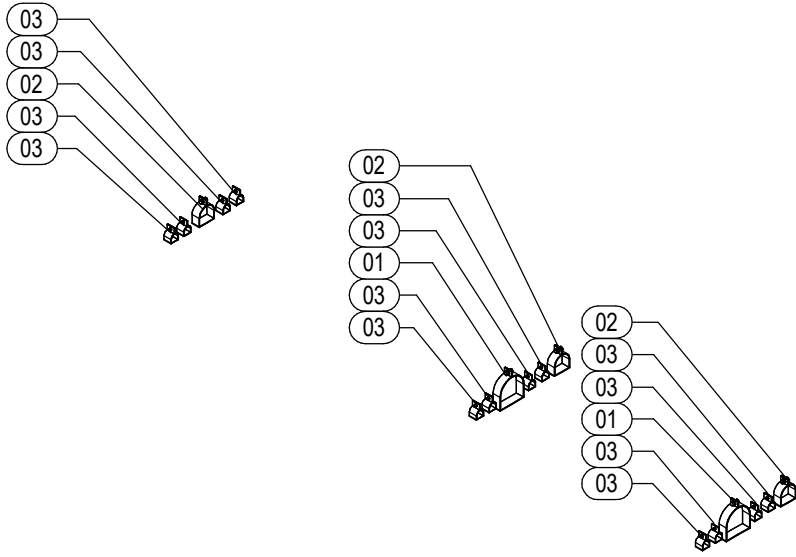
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TICKET:	PPHGR-L06-043
Drawn By: Author	
DATE: 10/27/21	DATE REQ:



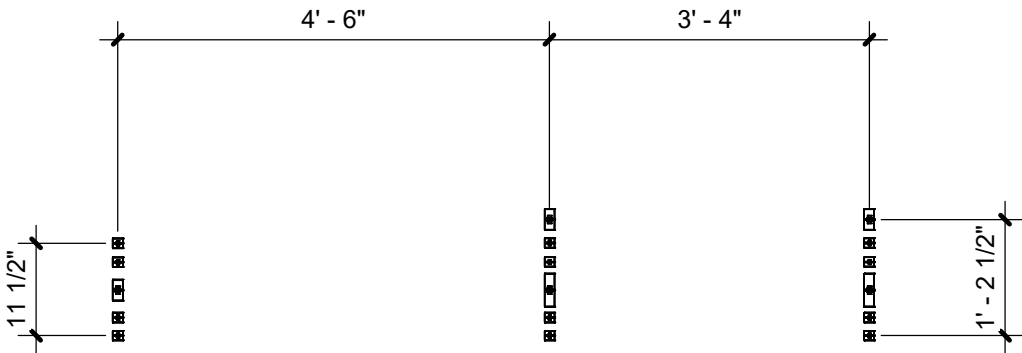
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

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11/3/2021 2:32:55 PM

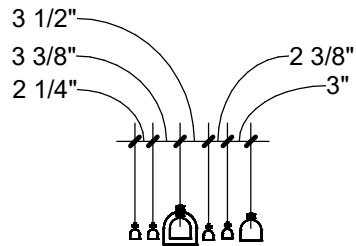
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	2	3.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
02	3	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
03	12	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					



1 ISOMETRIC
SCALE:



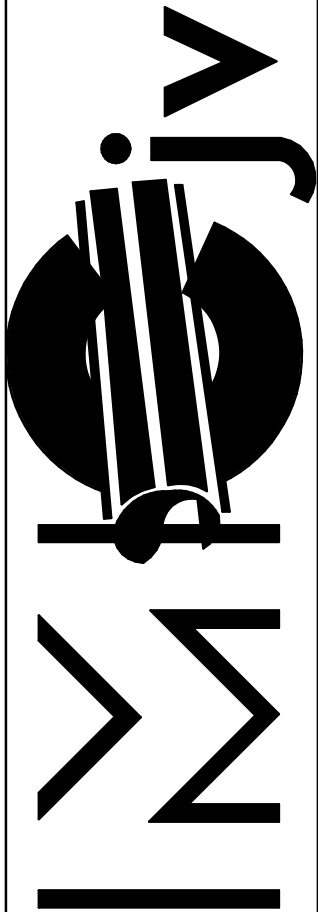
2 TOP VIEW
SCALE: 1/2\"/>



3 RIGHT ELEVATION
SCALE: 1/2\"/>

A1	A3	B1	B3
A2	A4	B2	B4

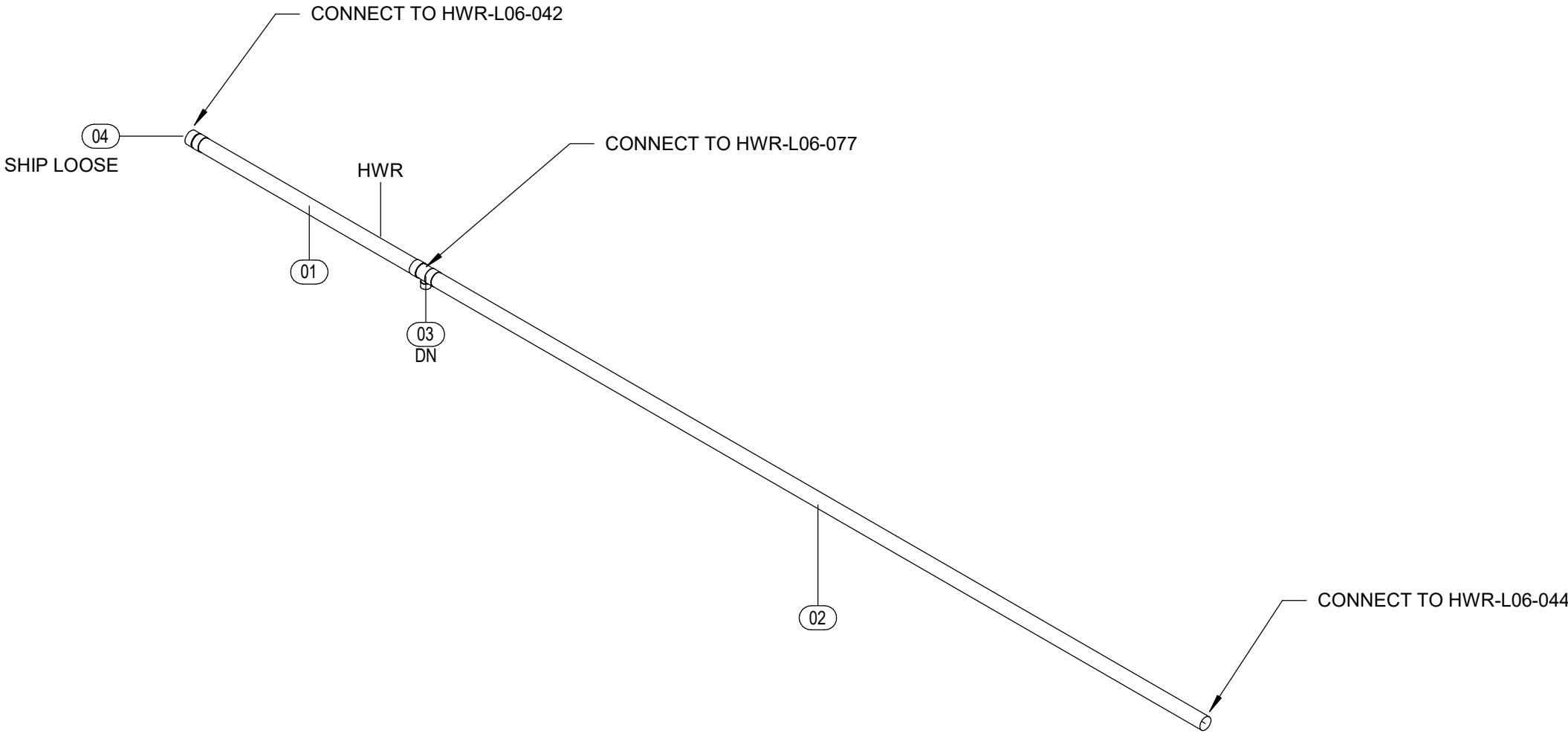
JOB:	WASH U NRB
TICKET:	PUHGR-L06-043
Drawn By: Author	
DATE: 10/20/21	DATE REQ:



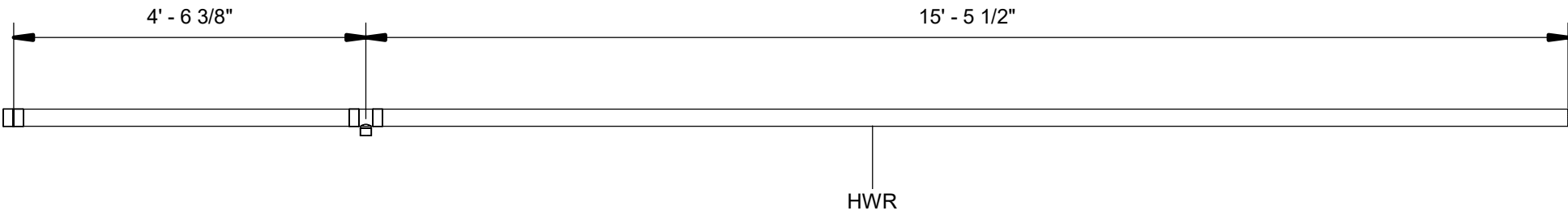
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HP.rvt
11/3/2021 3:56:17 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2 1/2"	Cerro Type K Hard Copper Pipe	4'-5 1/4"				1 1/2"
02	1	2 1/2"	Cerro Type K Hard Copper Pipe	15'-4 7/16"				1 1/2"
03	1	2 1/2"x1 1/2"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
04	1	2 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



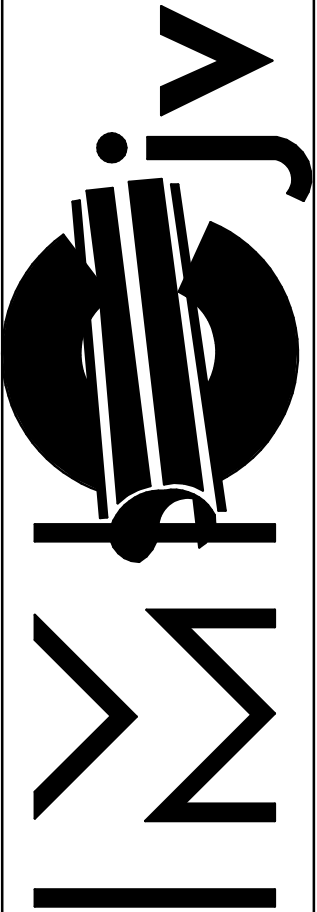
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

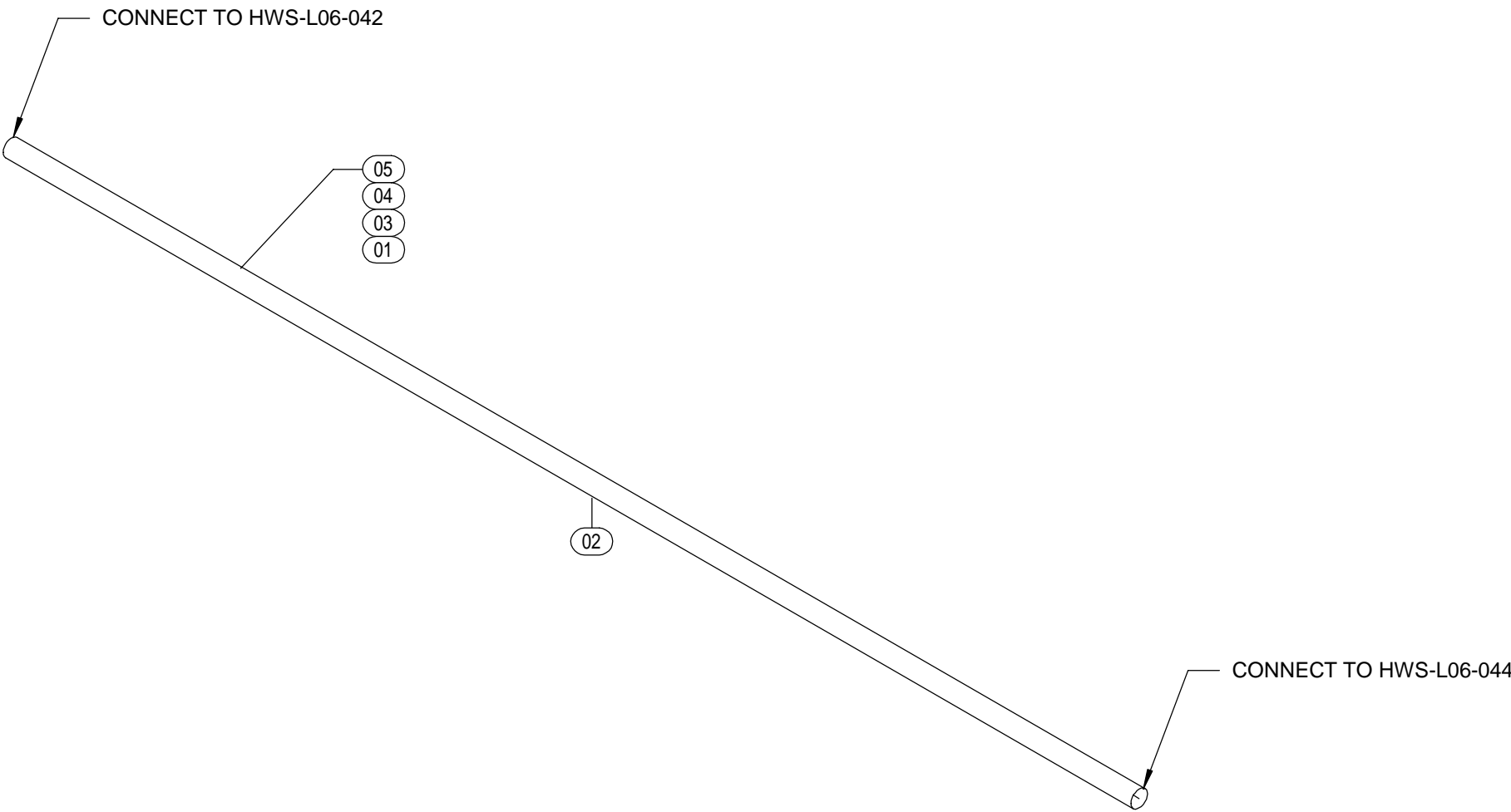
JOB:	WASH U NRB
TICKET:	HWR-L06-043
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



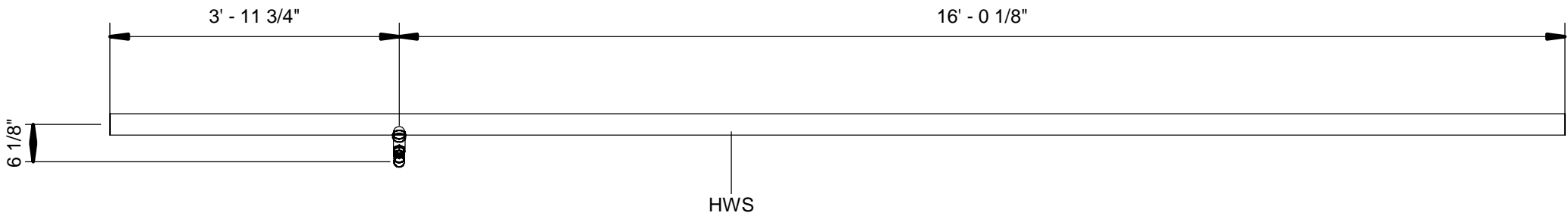
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

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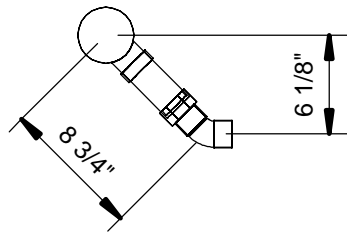
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting	0'-4"				1 1/2"
02	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	19'-11 7/8"				1 1/2"
03	1	1 1/2"	Nibco Wrot 606-2 45 Deg Ftg Ell FTGxC					1 1/2"
04	1	1 1/2"	Nibco Wrot 603 Adapter CxF					1 1/2"
05	1	3"x1 1/2"	Anvil 3000# FS Thread-O-Let					1 1/2"



1 ISOMETRIC
SCALE:



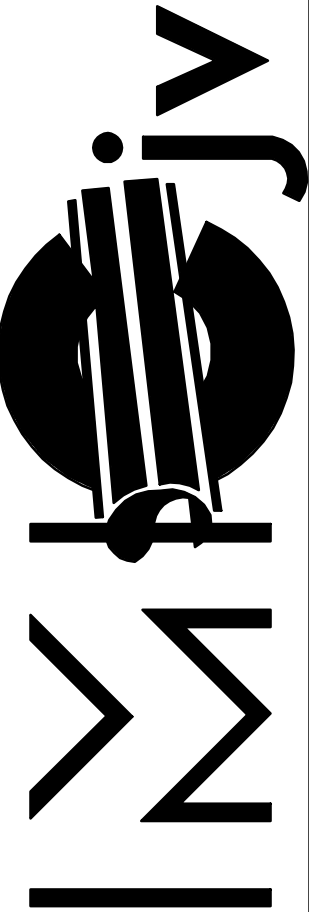
2 LEFT ELEVATION
SCALE: 1/2" = 1'-0"



3 FRONT ELEVATION
SCALE: 1" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

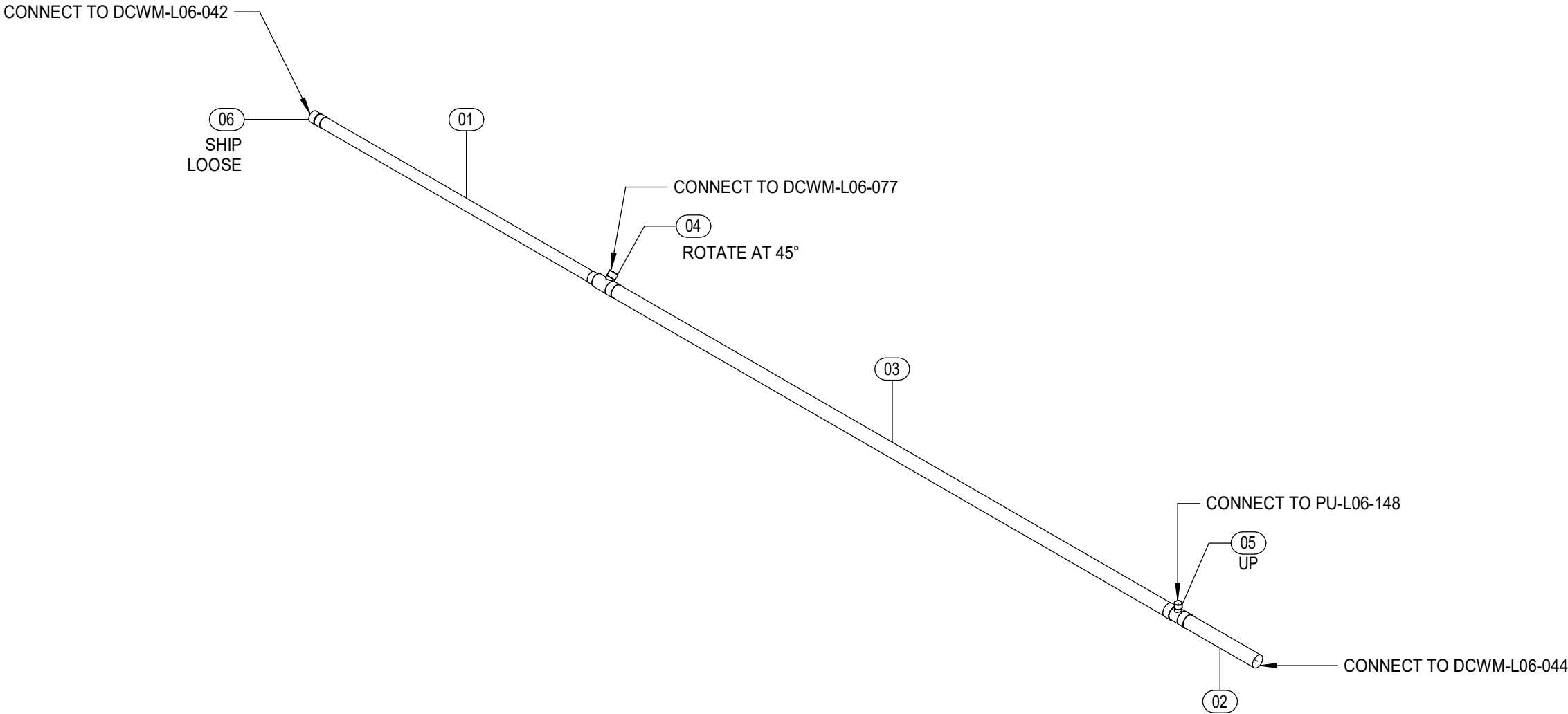
JOB:	WASH U NRB
TICKET:	HWS-L06-043
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



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

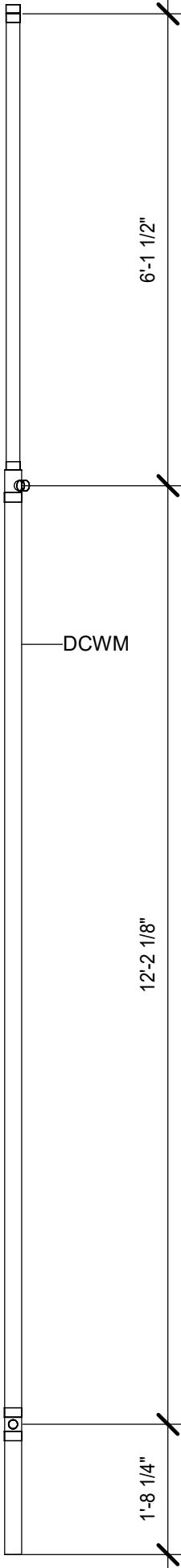
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11/3/2021 11:49:06 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe Pressure Pipe	5'-11 1/16"				1"
02	1	2 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	1'-7 3/16"				1"
03	1	2 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	11'-11 15/16"				1"
04	1	2 1/2"x2"x1 1/2"	Nibco Wrot 611R CxCxC Reducing Tee Pressure Pipe					1"
05	1	2 1/2"x1 1/4"	Nibco Wrot 611R CxCxC Reducing Tee Pressure Pipe					1"
06	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



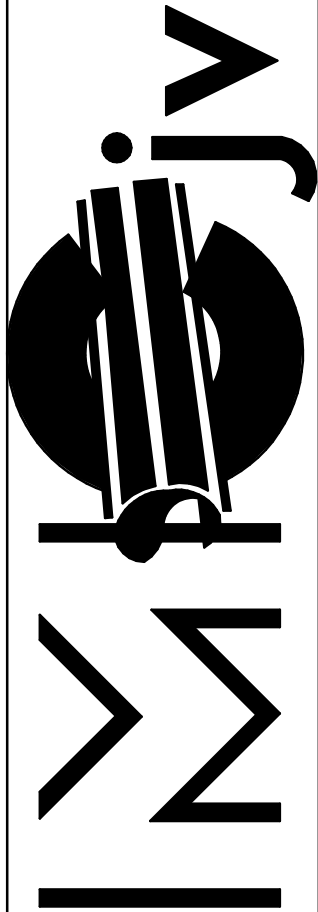
1 ISOMETRIC
SCALE:

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



A1	A3	B1	B3
A2	A4	B2	B4

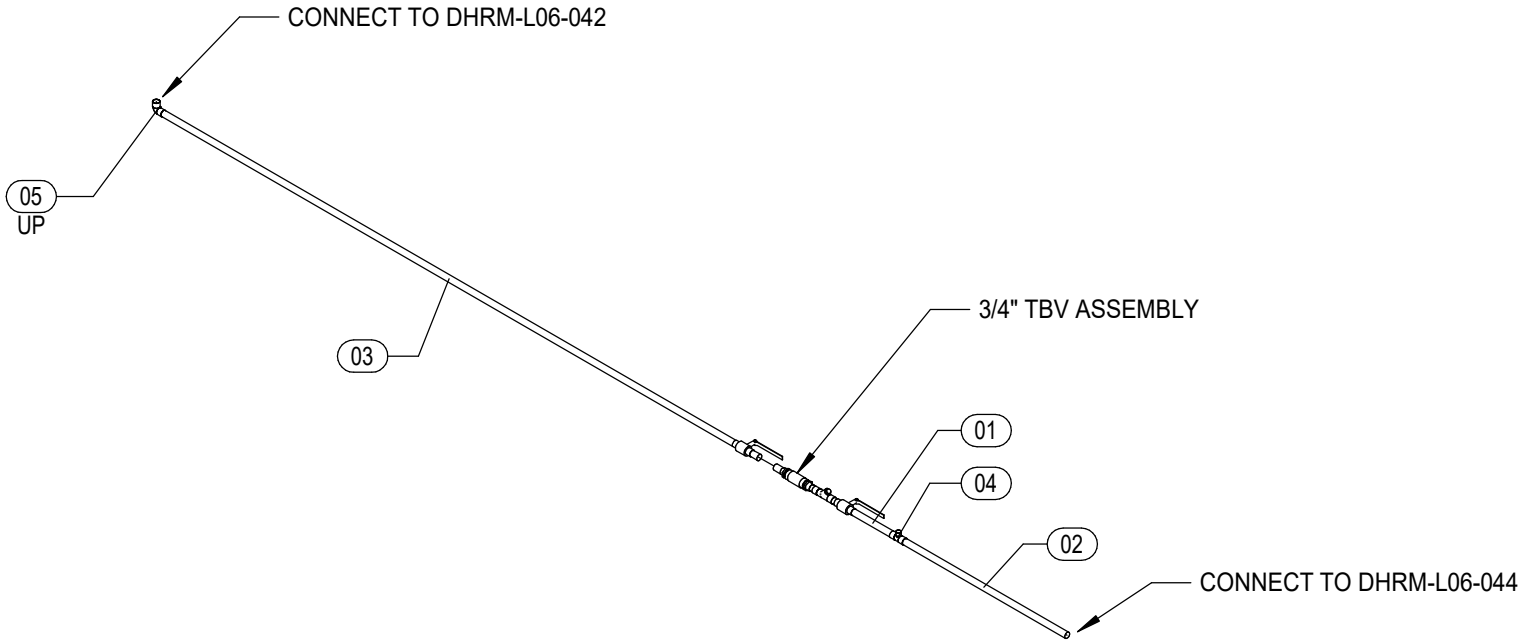
JOB:	WASH U NRB
TICKET:	DCWM-L06-043
Drawn By: Author	
DATE: 10/27/21	DATE REQ:



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

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
11/3/2021 3:02:33 PM

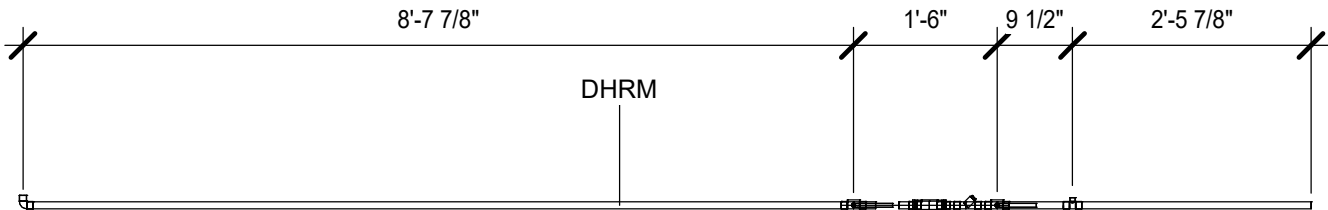
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	0'-8 5/16"				1"
02	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	2'-5 7/16"				1"
03	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	8'-6 5/8"				1"
04	1	3/4"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee Pressure Pipe					1"
05	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC Pressure Pipe					1"



1

ISOMETRIC

SCALE:



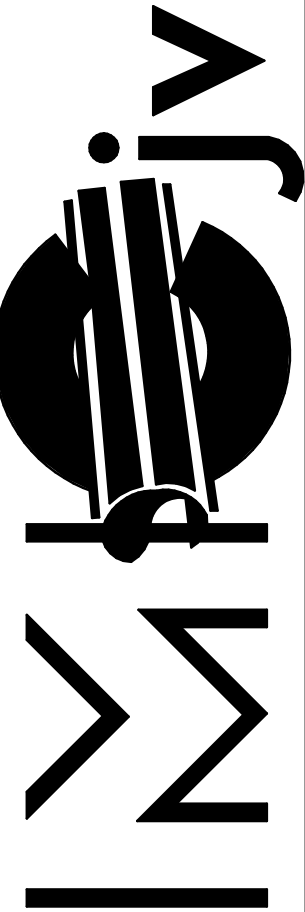
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

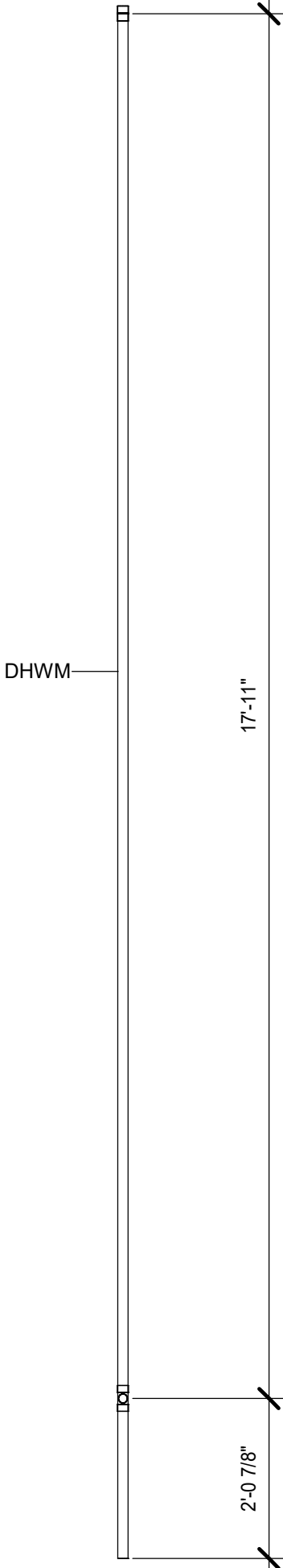
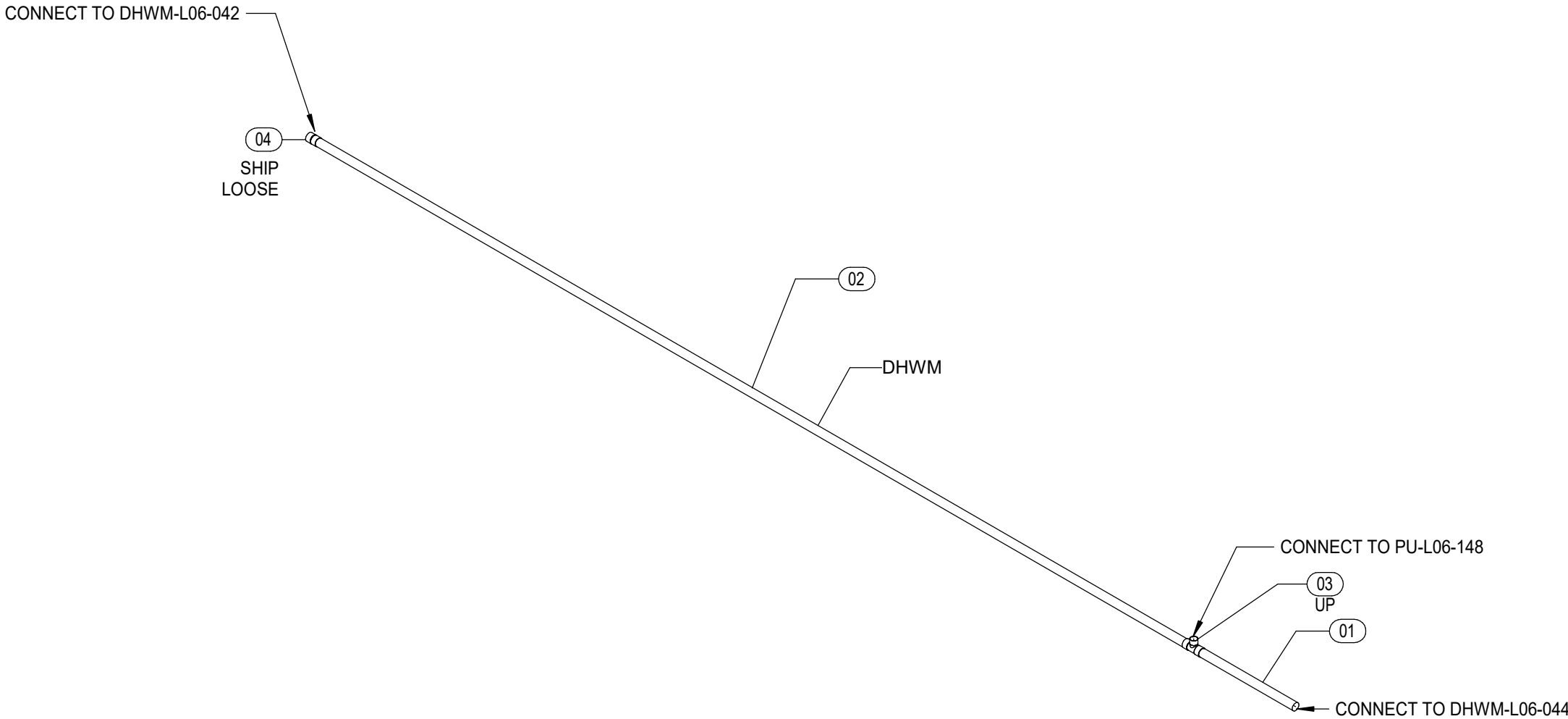
JOB:	WASH U NRB
TICKET:	DHRM-L06-043
Drawn By: Author	
DATE: 10/18/21	DATE REQ:



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

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
11/3/2021 3:05:08 PM

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	1'-11 15/16"				2"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	17'-10 1/8"				2"
03	1	1 1/2"x1 1/4"	Nibco Wrot 611R CxCxC Reducing Tee Pressure Pipe					2"
04	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"

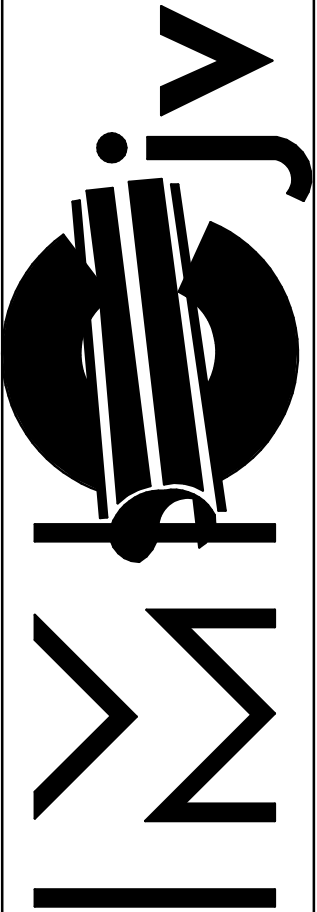


1 ISOMETRIC
SCALE:

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

A1	A3	B1	B3
A2	A4	B2	B4

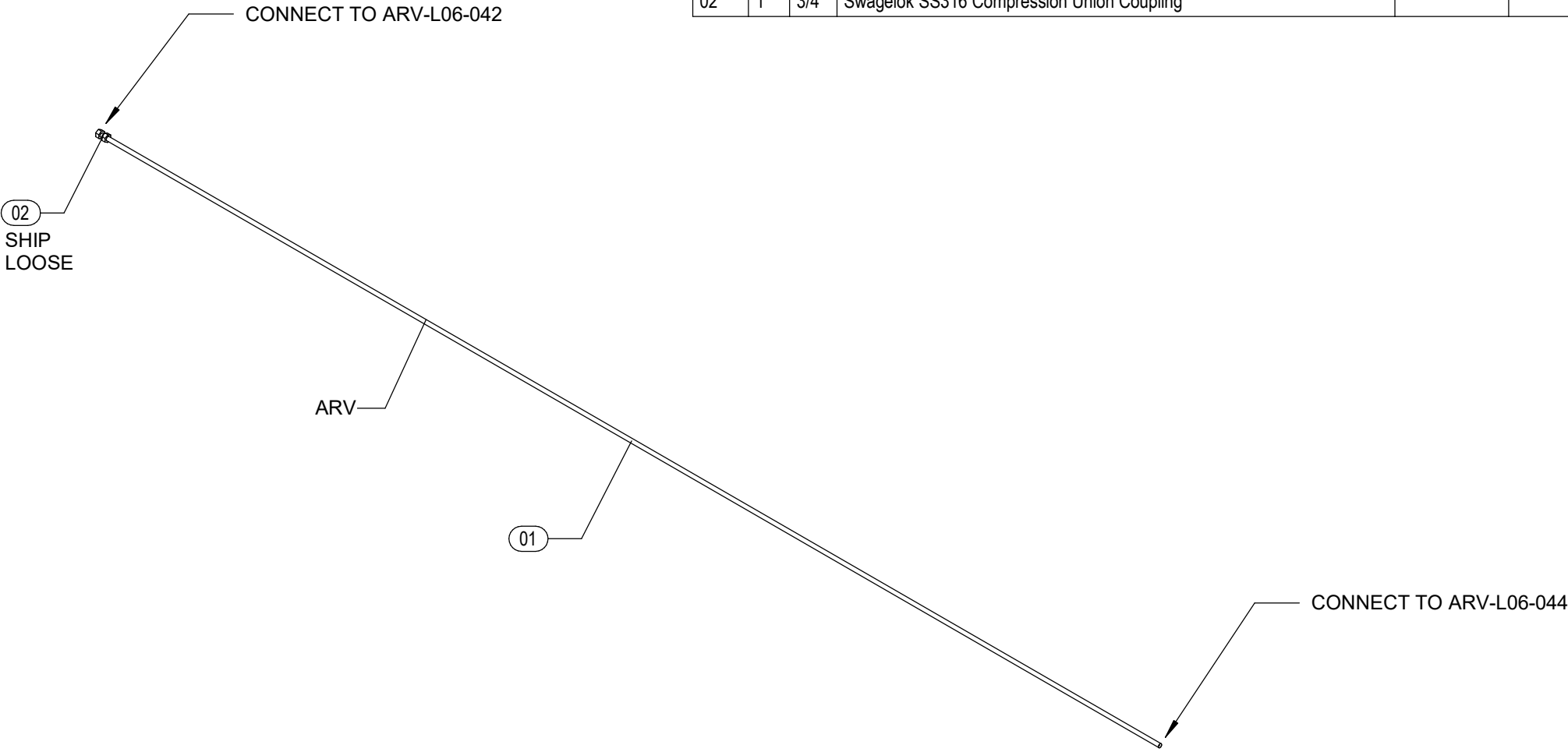
JOB:	WASH U NRB
TICKET:	DHWM-L06-043
Drawn By: Author	
DATE: 10/27/21	DATE REQ:



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

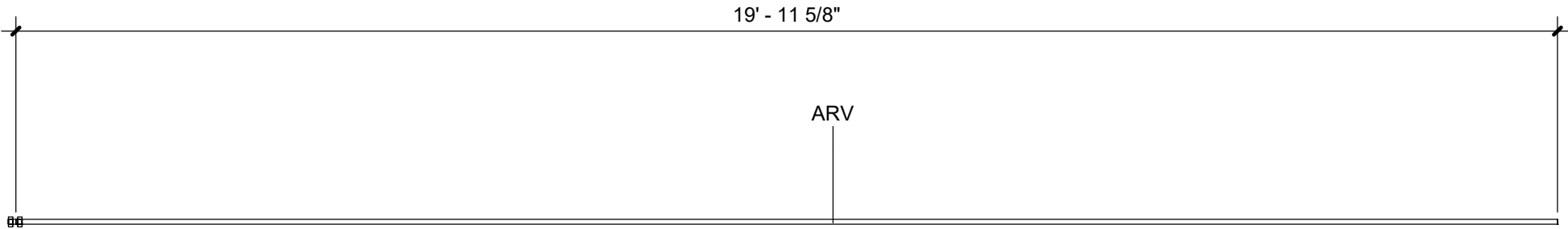
BIM 360/WUSM NRBWUSM_RB_PUF.rvt
11/3/2021 1:16:18 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	19'-11 5/8"				
02	1	3/4"	Swagelok SS316 Compression Union Coupling					



1 ISOMETRIC

SCALE:

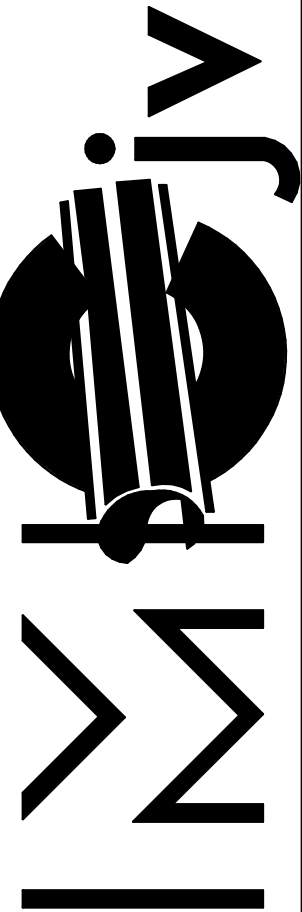


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

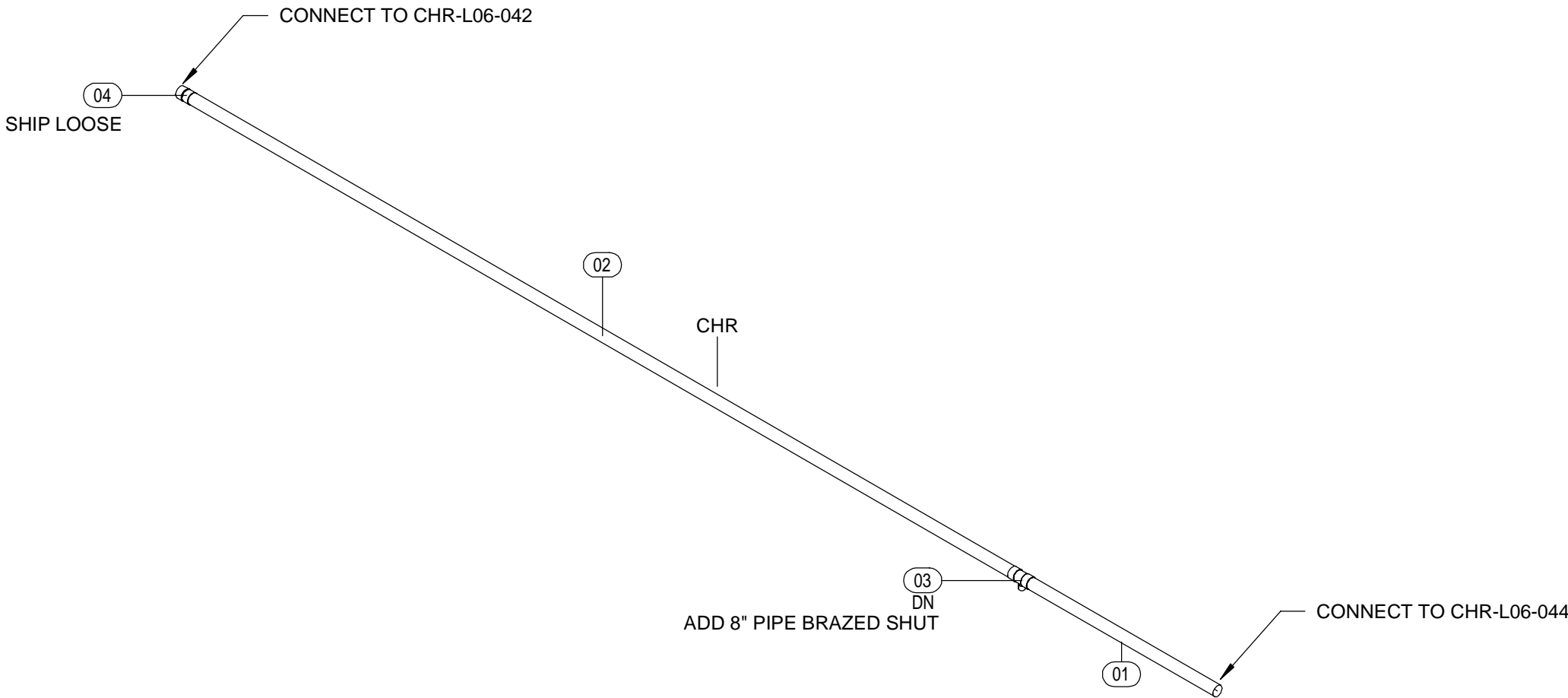
JOB:	WASH U NRB
TICKET:	ARV-L06-043
Drawn By: Author	
DATE: 10/20/21	DATE REQ:



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

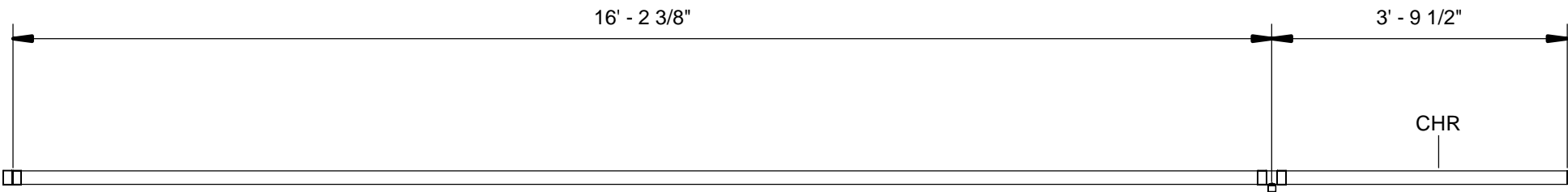
BIM 360://WUSM NRBWUSM_RB_HPF.rvt
21-10-2021 19:57:48

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	3'-8 11/16"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	16'-1 1/2"				1"
03	1	2"x1"	Nibco Wrot 611R CxCxC Reducing Tee					1"
04	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1 ISOMETRIC

SCALE:

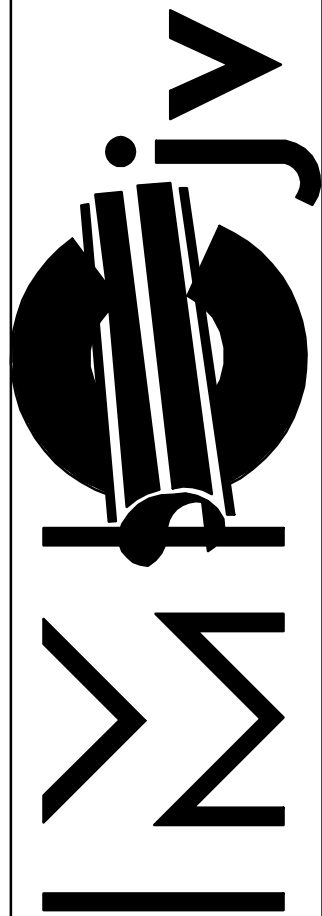


2 LEFT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

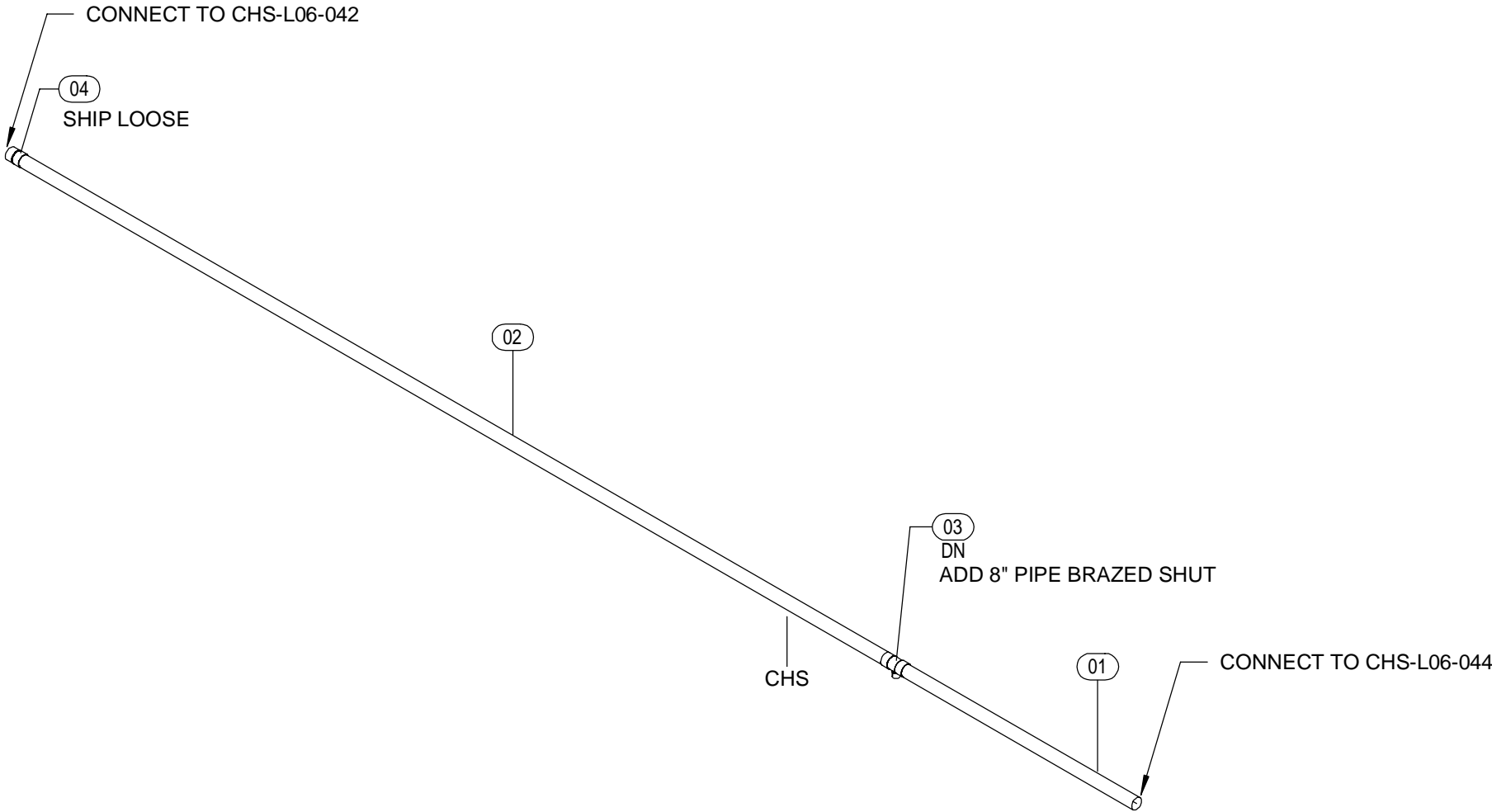
JOB:	WASH U NRB
TICKET:	CHR-L06-043
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



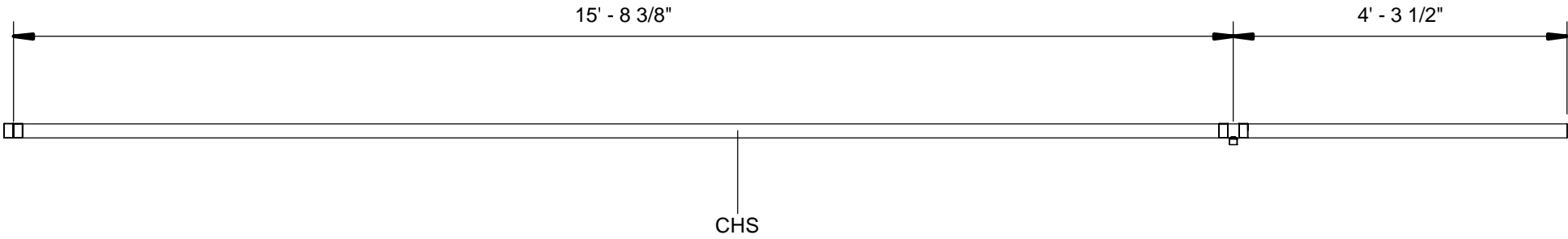
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
21-10-2021 10:28:53

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	4'-2 11/16"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	15'-7 1/2"				1"
03	1	2"x1"	Nibco Wrot 611R CxCxC Reducing Tee					1"
04	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



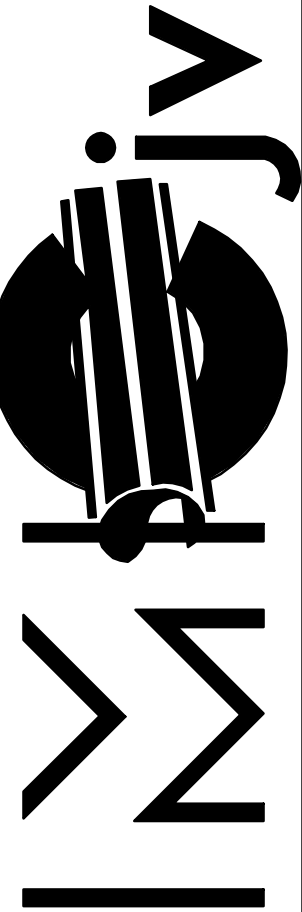
1 ISOMETRIC



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

A1	A3	B1	B3
A2	A4	B2	B4

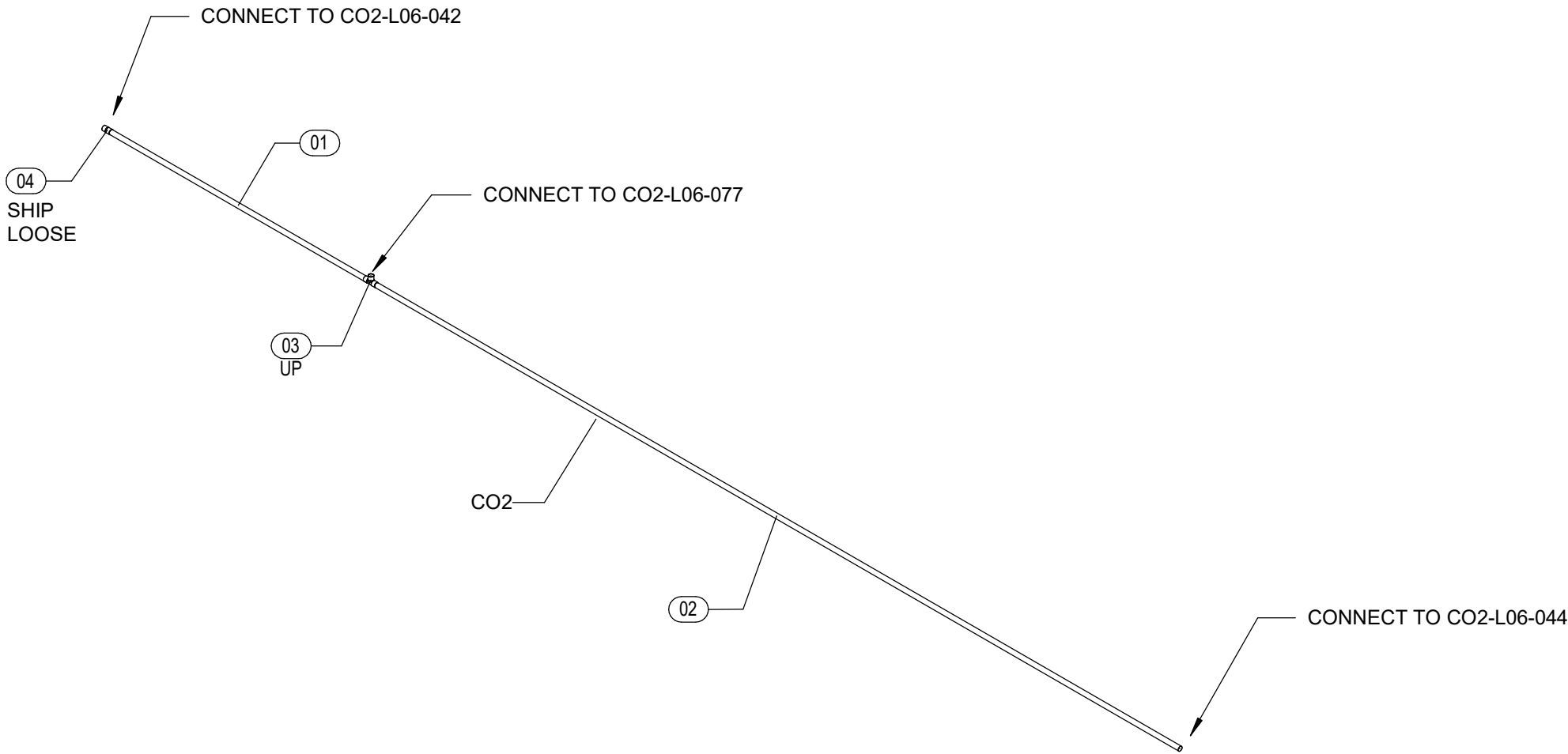
JOB:	WASH U NRB
TICKET:	CHS-L06-043
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



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

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
11/3/2021 2:05:25 PM

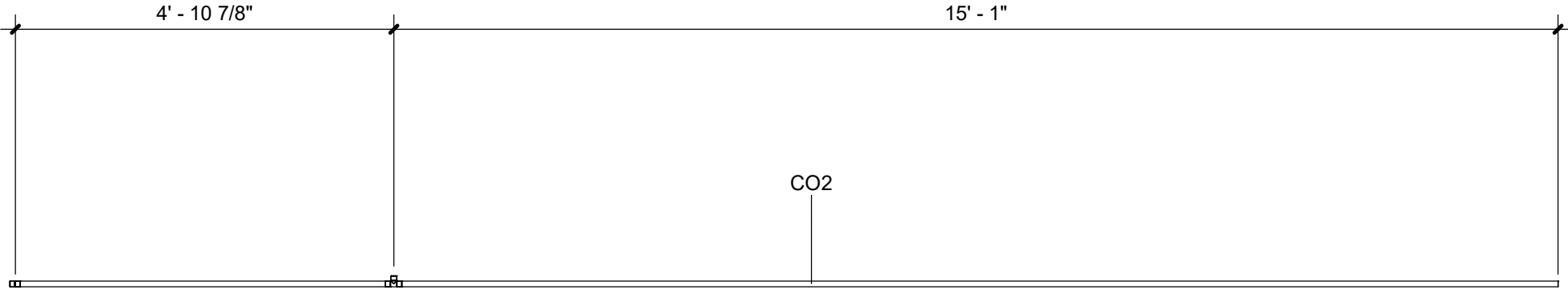
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	4'-10 5/16"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	15'-0 1/2"				
03	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee					
04	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1

ISOMETRIC

SCALE:



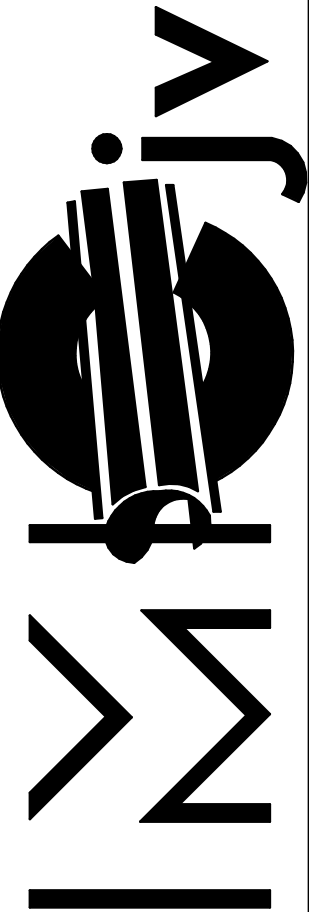
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

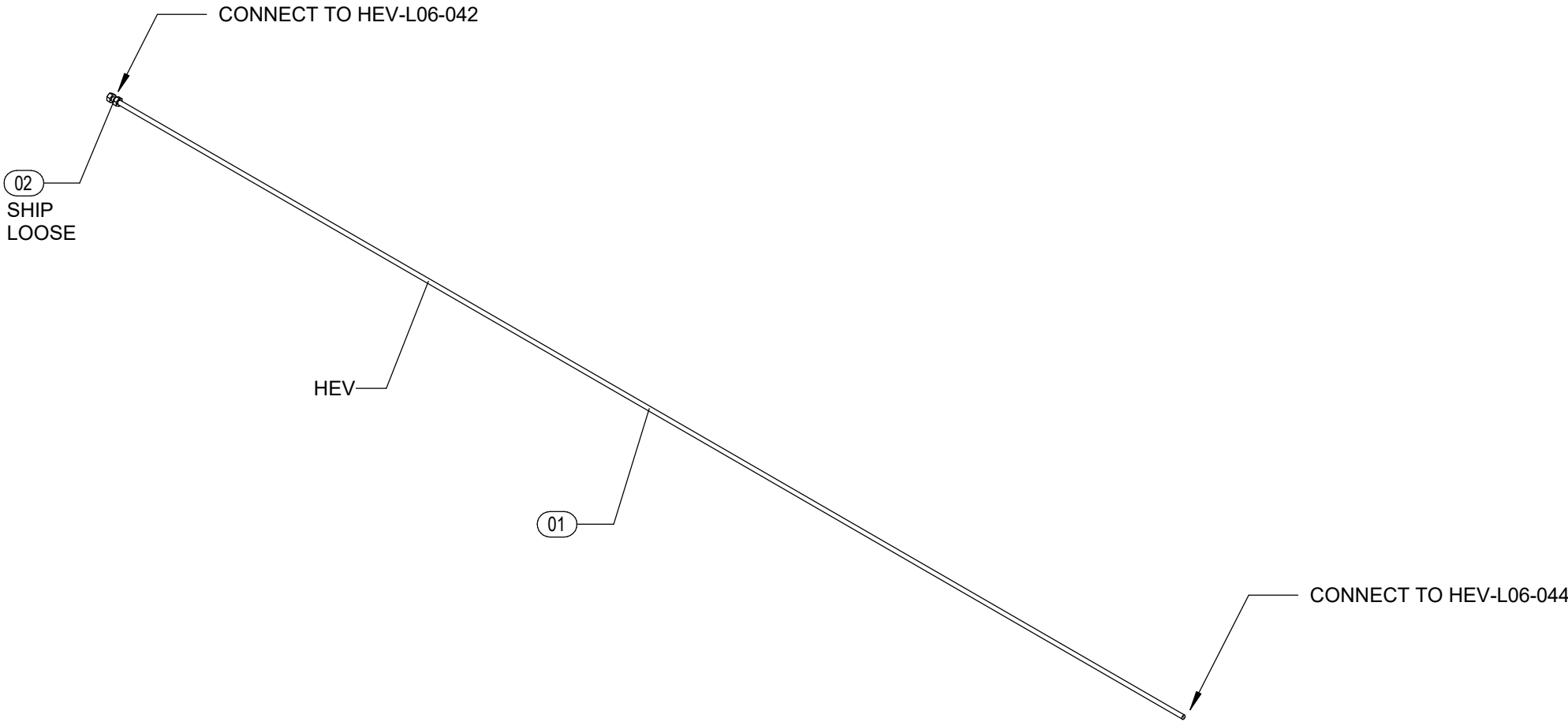
JOB:	WASH U NRB
TICKET:	CO2-L06-043
Drawn By: Author	
DATE: 10/20/21	DATE REQ:



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

BIM 360://WUSM NRB\\WUSM_RB_PUF.rvt
11/3/2021 1:49:58 PM

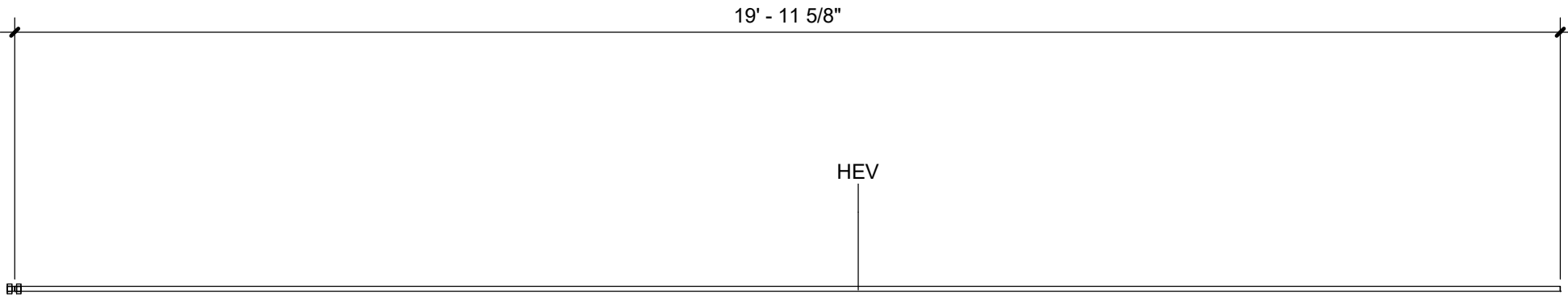
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	19'-11 5/8"				
02	1	3/4"	Swagelok SS316 Compression Union Coupling					



1

ISOMETRIC

SCALE:



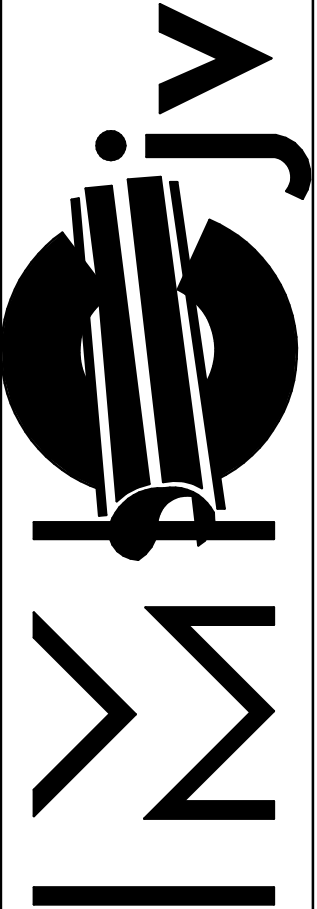
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

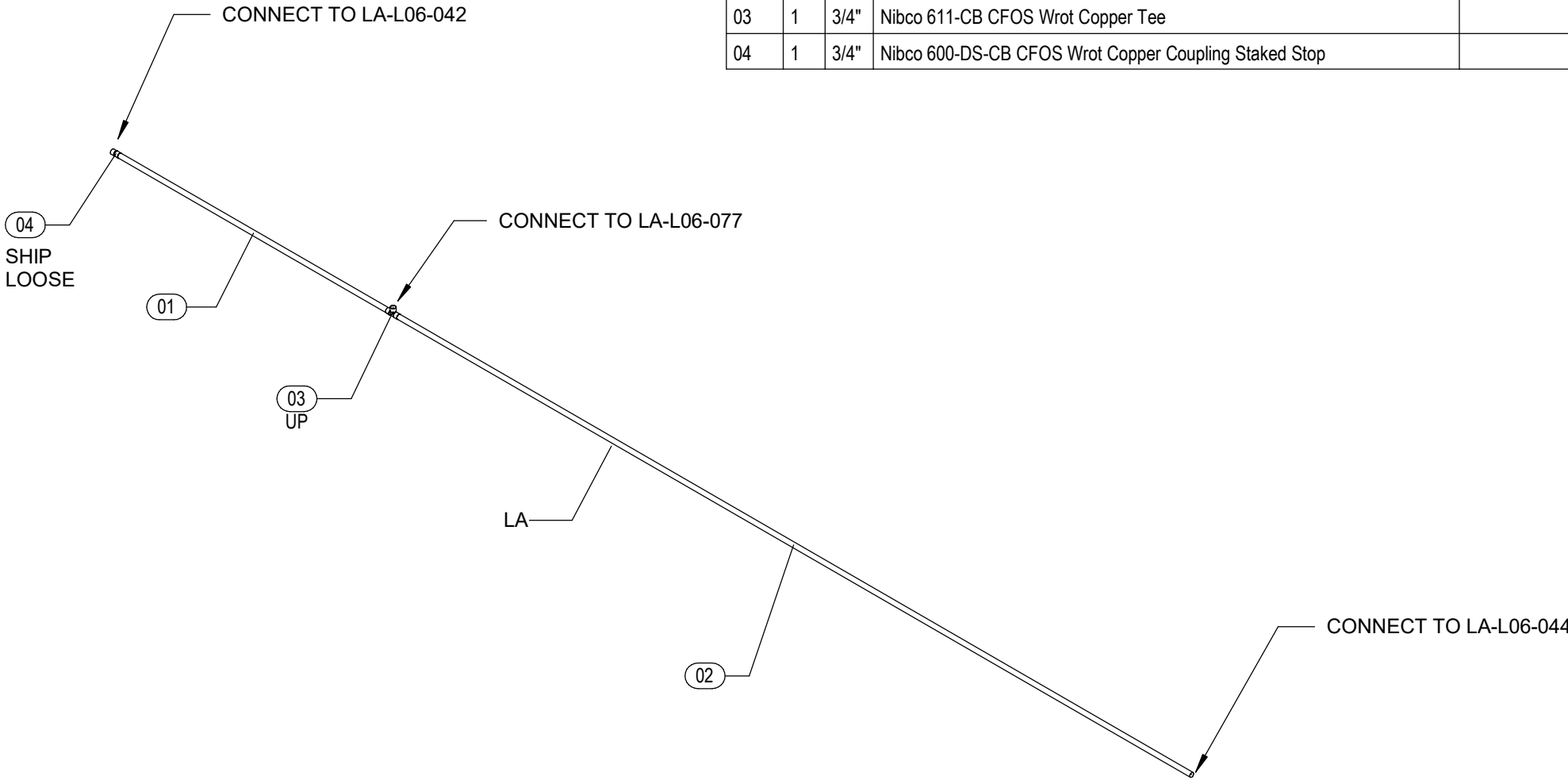
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TICKET:	HEV-L06-043
Drawn By: Author	
DATE: 10/20/21	DATE REQ:



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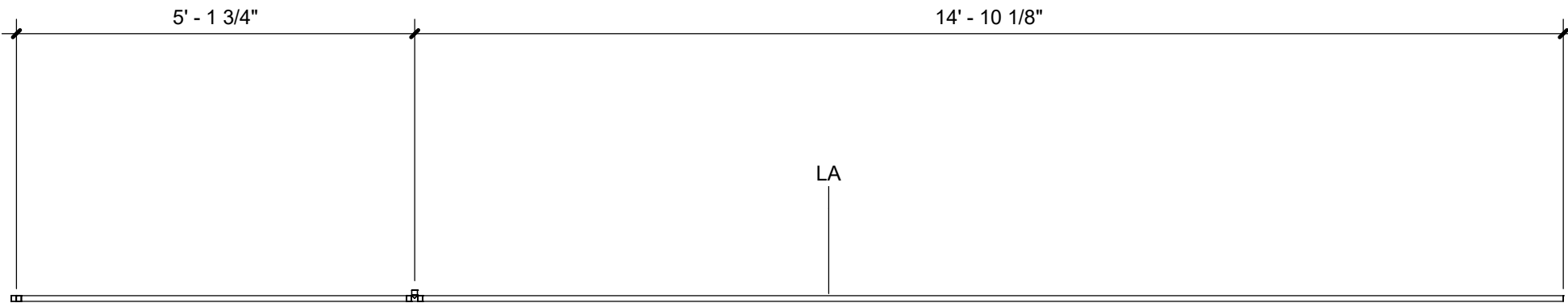
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Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	5'-1 1/4"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	14'-9 9/16"				
03	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee					
04	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1 ISOMETRIC

SCALE:

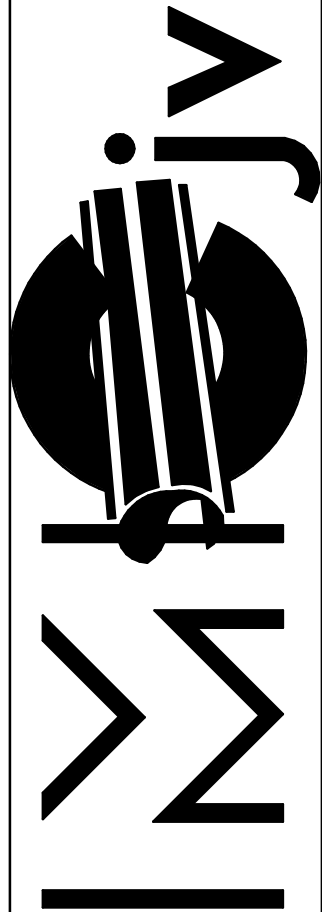


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

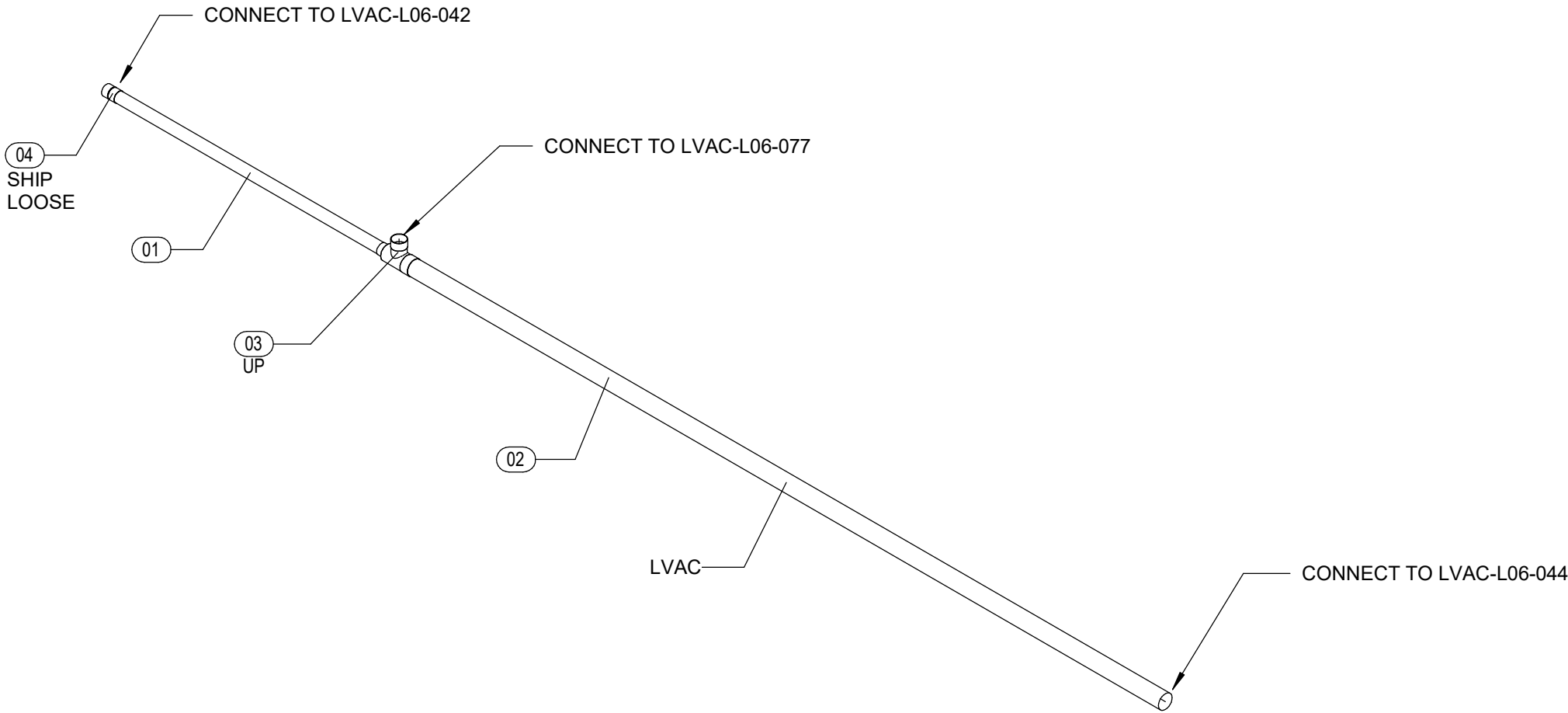
JOB: WASH U NRB
TICKET: LA-L06-043
Drawn By: Author
DATE: 10/20/21
DATE REQ:



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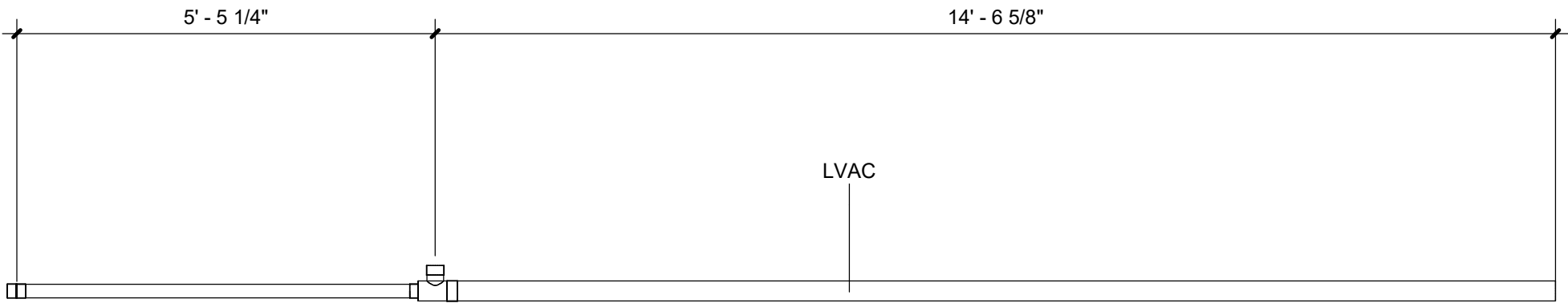
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Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type L Hard Copper - CFOS	5'-2 9/16"				
02	1	3"	Cerro Type L Hard Copper - CFOS	14'-4 3/4"				
03	1	3"x2 1/2"x2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
04	1	2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1 ISOMETRIC

SCALE:

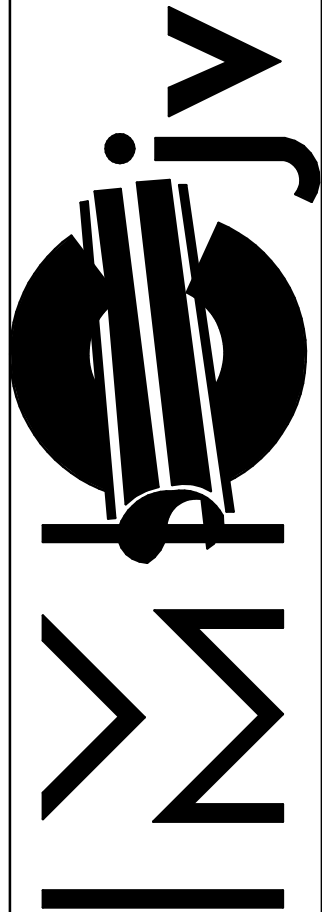


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

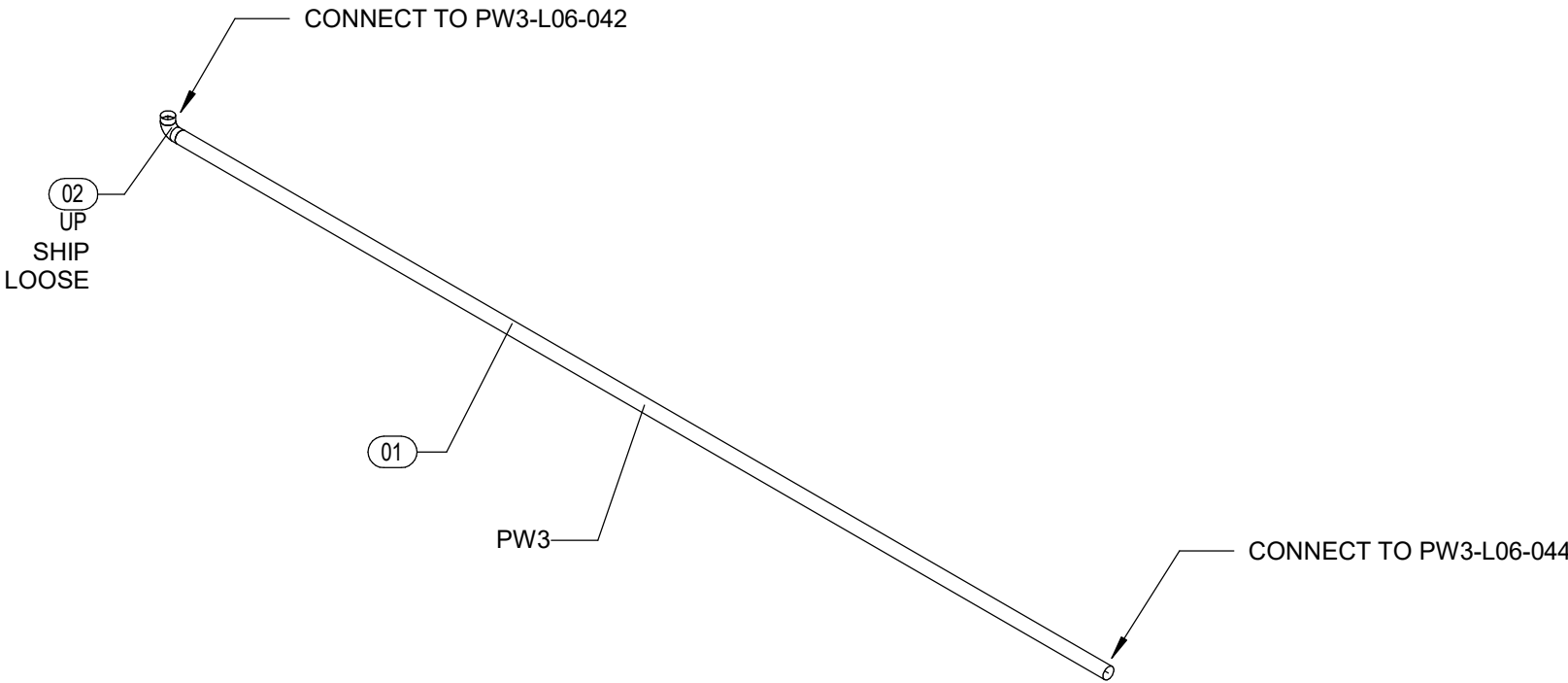
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TICKET:	LVAC-L06-043
Drawn By:	Author
DATE:	10/20/21
DATE REQ:	



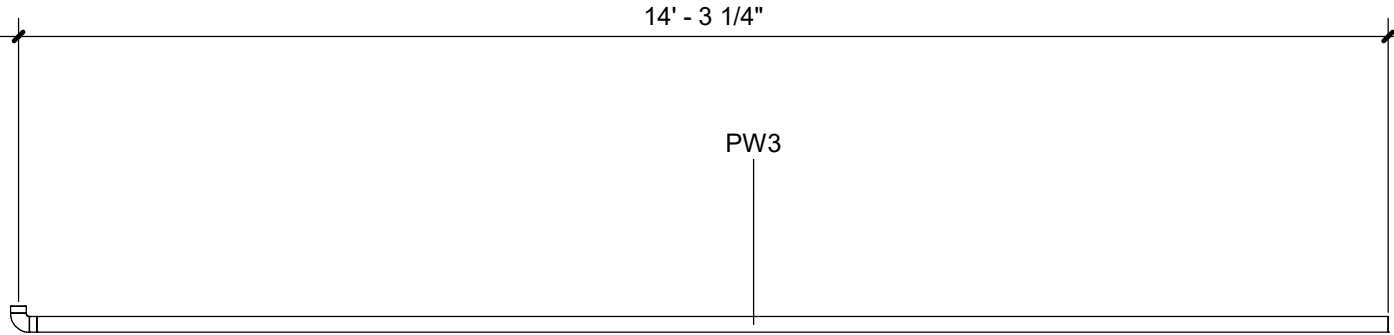
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BIM 360/WUSM NRBWUSM_RB_PUF.rvt
11/3/2021 2:39:48 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	14'-1"				
02	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow					



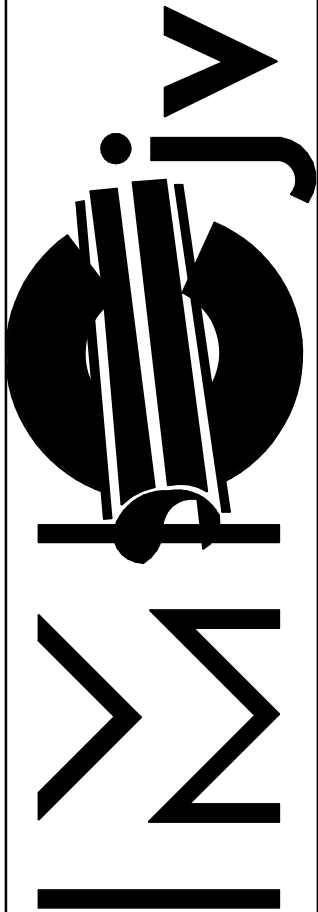
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW3-L06-043
Drawn By: Author	
DATE: 10/20/21	DATE REQ:



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