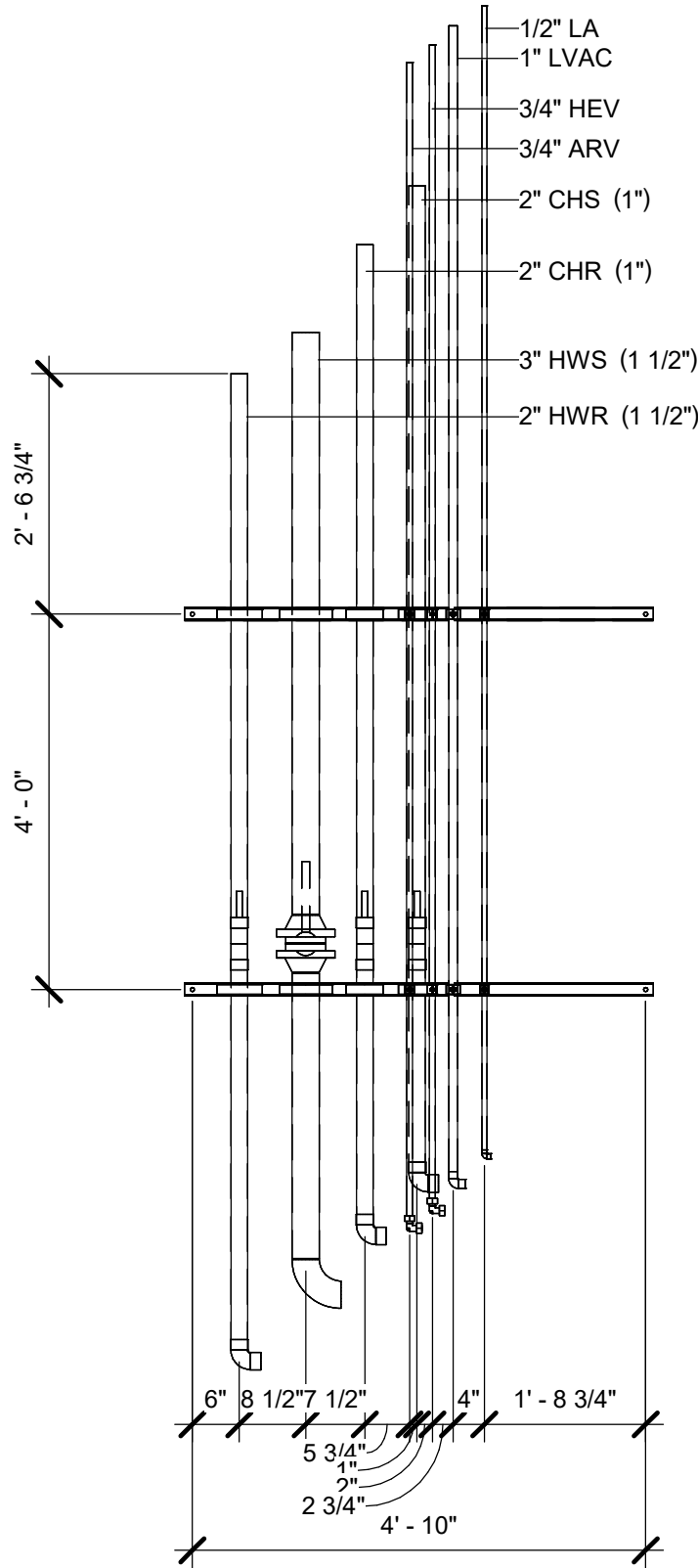
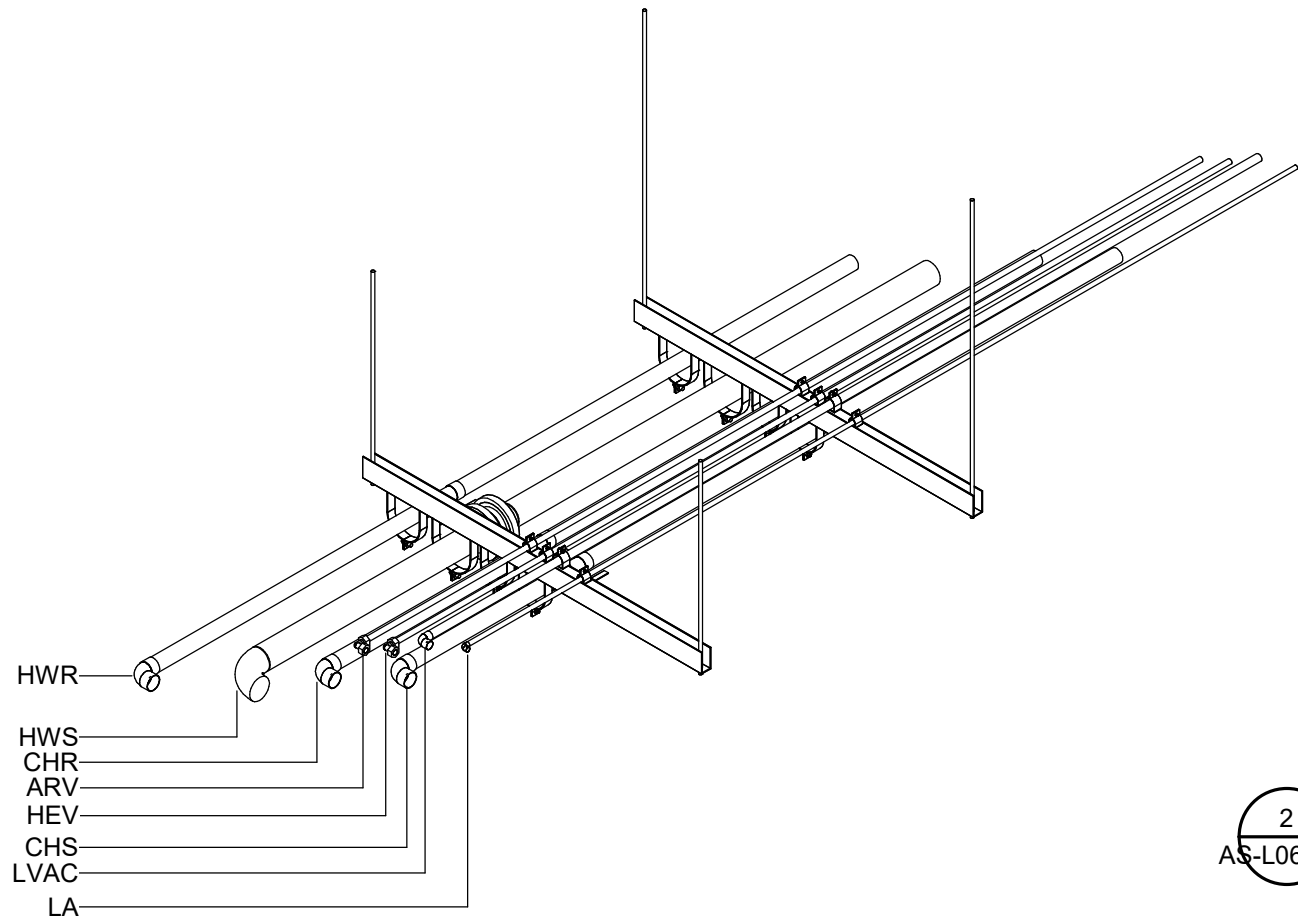


BIM 360//WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
10/28/2021 9:46:15 AM



1 AS-L06-039 - ISOMETRIC
AS-L06-039 SCALE:

2 AS-L06-039
AS-L06-039 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: AS-L06-039
Drawn By: Author
DATE: 10/27/21 DATE REQ:

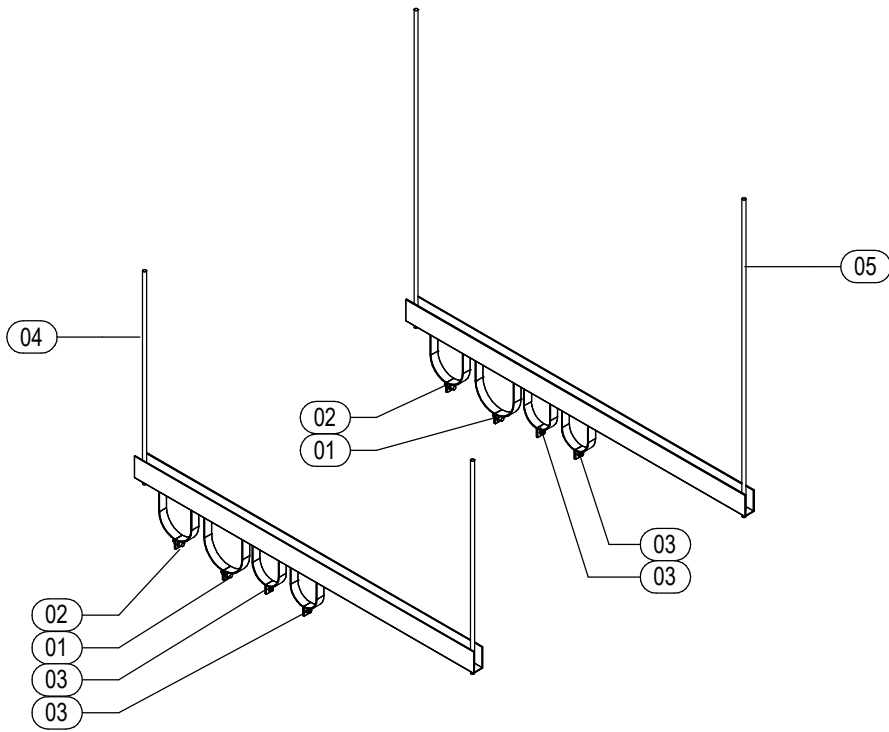


1233 N. Price Rd.
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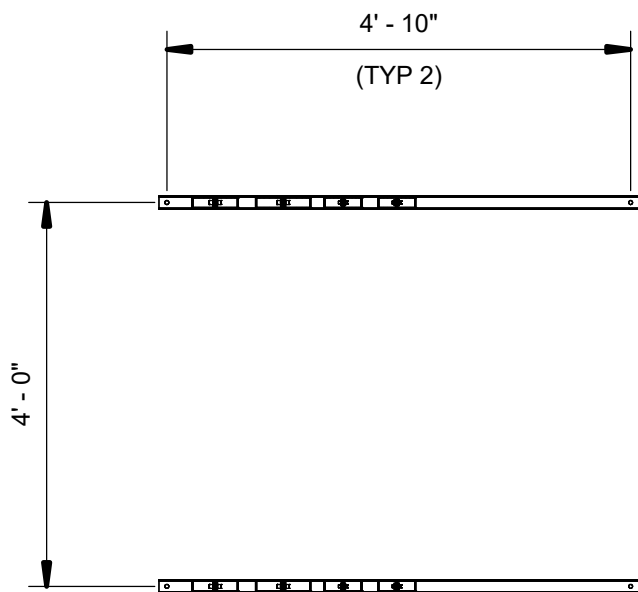
BIM 360://WUSM NRBWUSM_RB_HPF.rvt
10/15/2021 1:30:53 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	2	6"	B-Line B2000 ZN Sch 40 Pipe Clamp					
02	2	5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
03	4	4"	B-Line B2000 ZN Sch 40 Pipe Clamp					
04	1	56"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		5' - 0"	2' - 8 5/8"	2' - 8 5/8"	
05	1	56"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		5' - 0"	4' - 0 5/8"	4' - 0 5/8"	

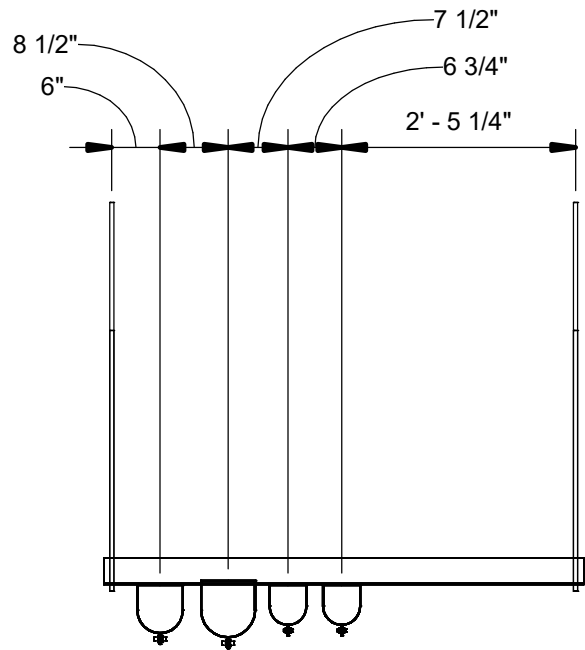
01	2	6 5/8"	B-LINE #2020
02	2	5 1/8"	B-LINE #2062
03	4	4 1/8"	B-LINE #2054



1 ISOMETRIC
SCALE:



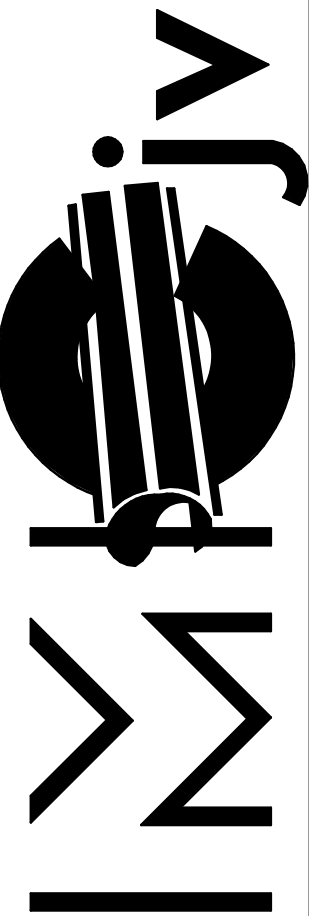
2 TOP VIEW
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

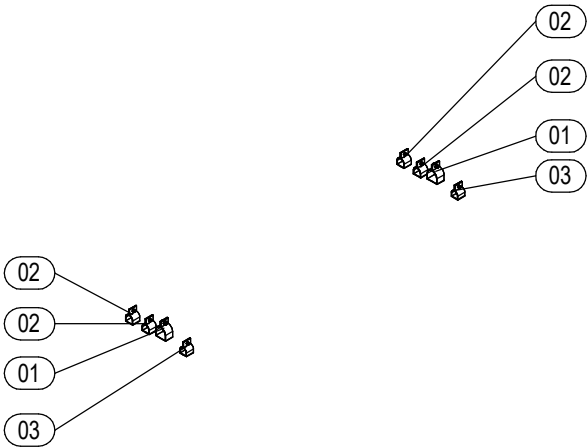
JOB:	WASH U NRB
TICKET:	HPHGR-L06-039
Drawn By: Author	
DATE: 10/10/21	DATE REQ:



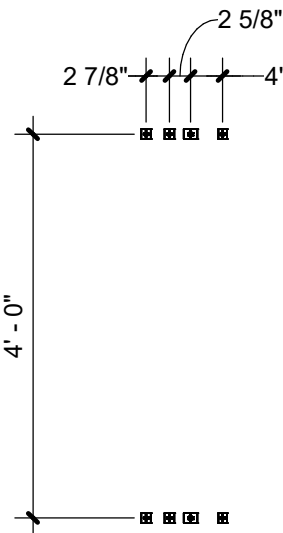
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BIM 360://WUSM NRB\\WUSM_RB_PUF.rvt
10/28/2021 9:53:57 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	2	1.25"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
02	4	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
03	2	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					



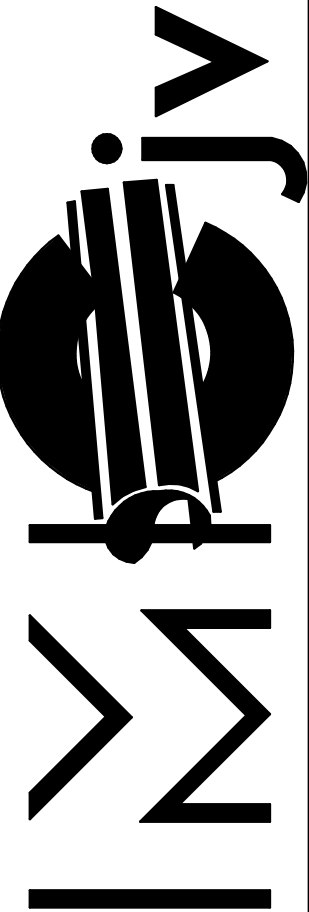
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

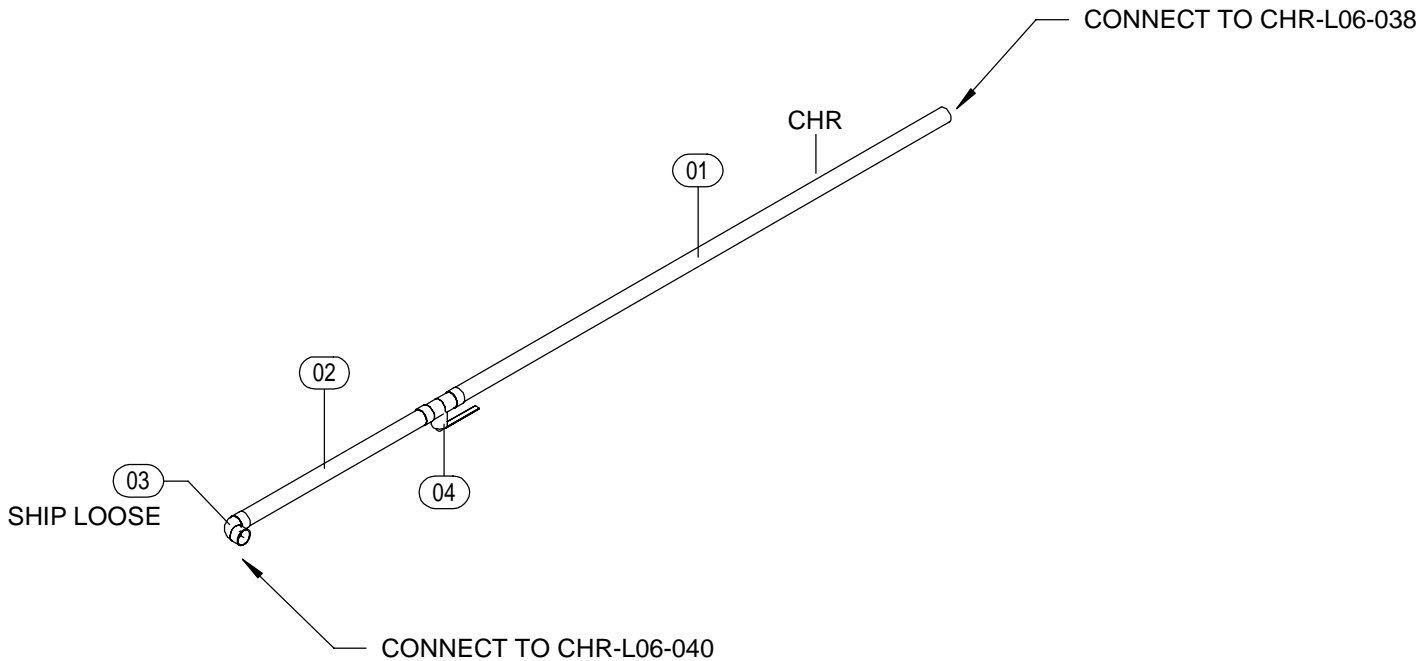
JOB:	WASH U NRB
TICKET:	PUHGR-L06-039
Drawn By: Author	
DATE: 10/19/21	DATE REQ:



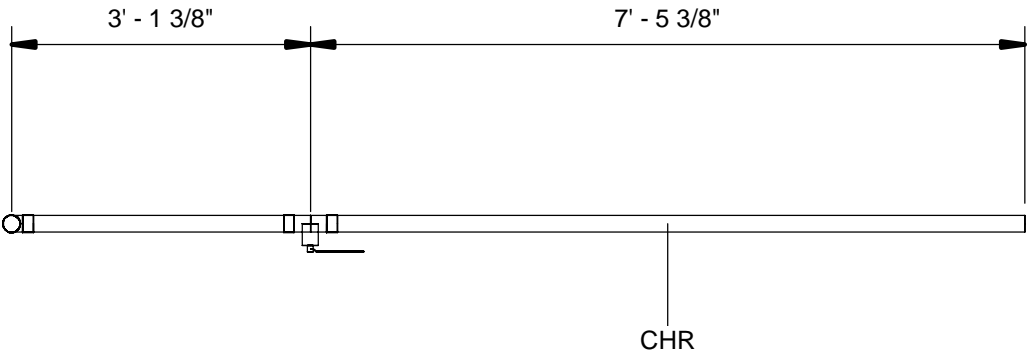
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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
21-10-2021 08:04:12

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	7'-3 3/8"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	2'-9 15/16"				1"
03	1	2"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	1	2"	Nibco S-585-70					1"



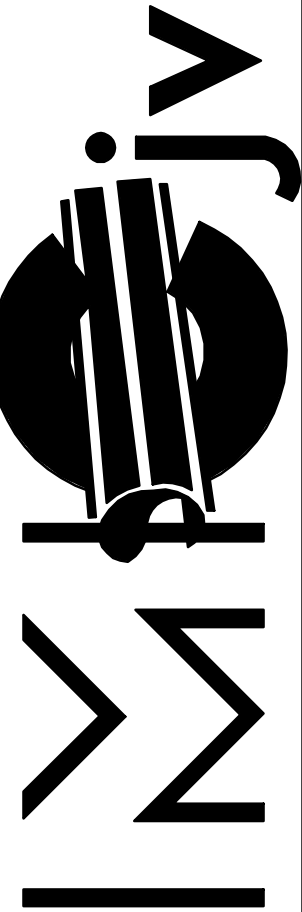
1 ISOMETRIC



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

A1	A3	B1	B3
A2	A4	B2	B4

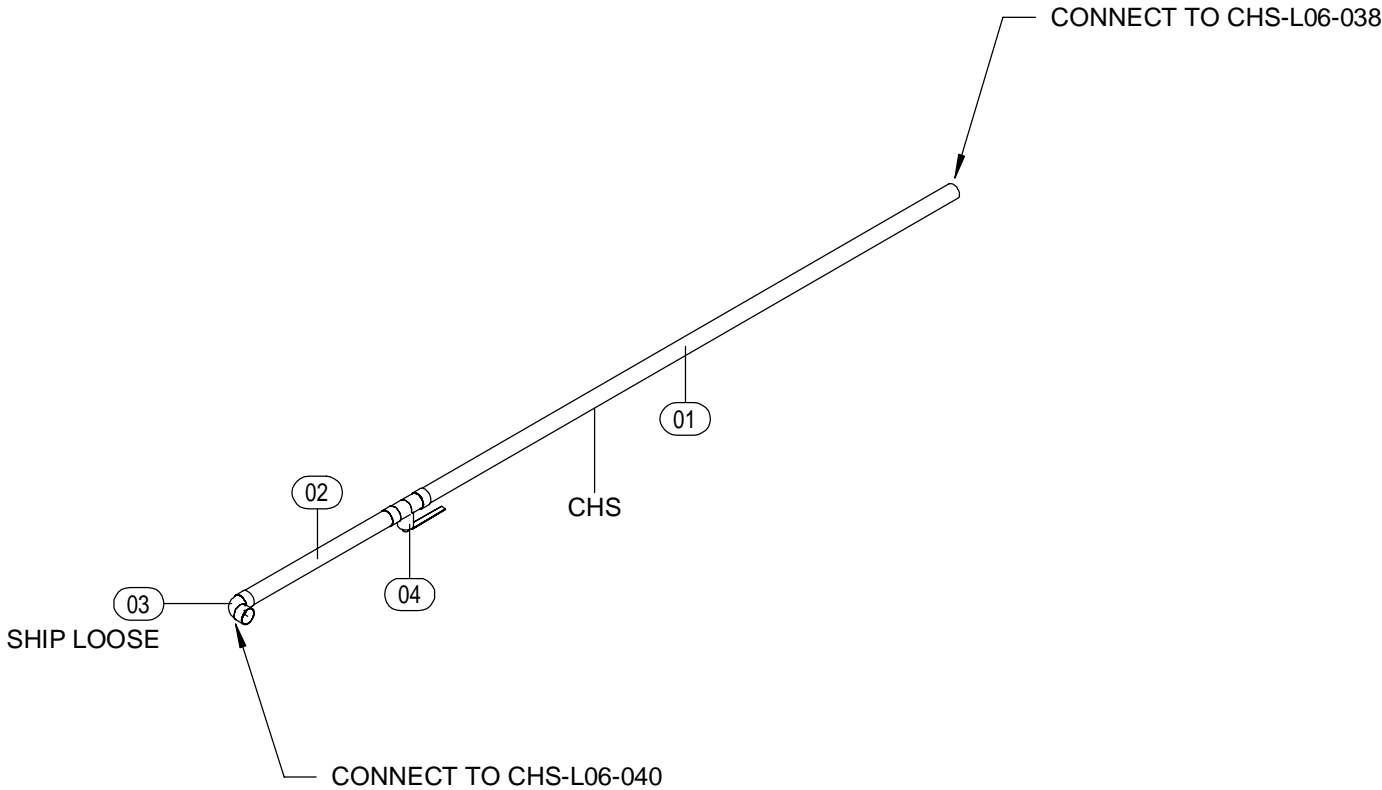
JOB:	WASH U NRB
TICKET:	CHR-L06-039
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



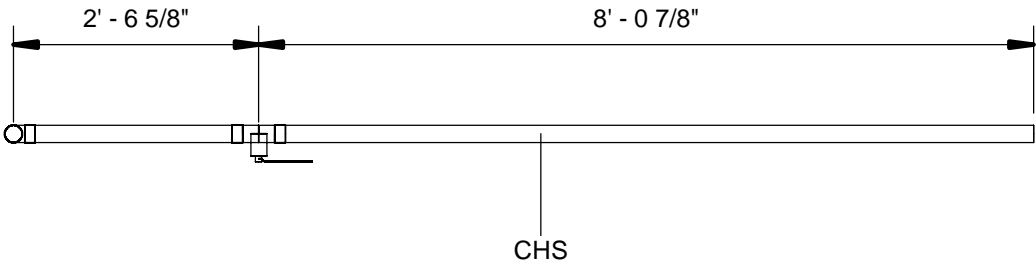
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St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
21-10-2021 10:26:41

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	7'-10 7/8"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	2'-3 1/4"				1"
03	1	2"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	1	2"	Nibco S-585-70					1"



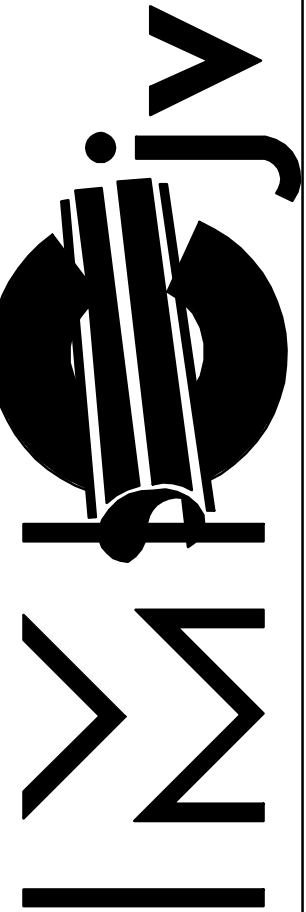
1 ISOMETRIC



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

A1	A3	B1	B3
A2	A4	B2	B4

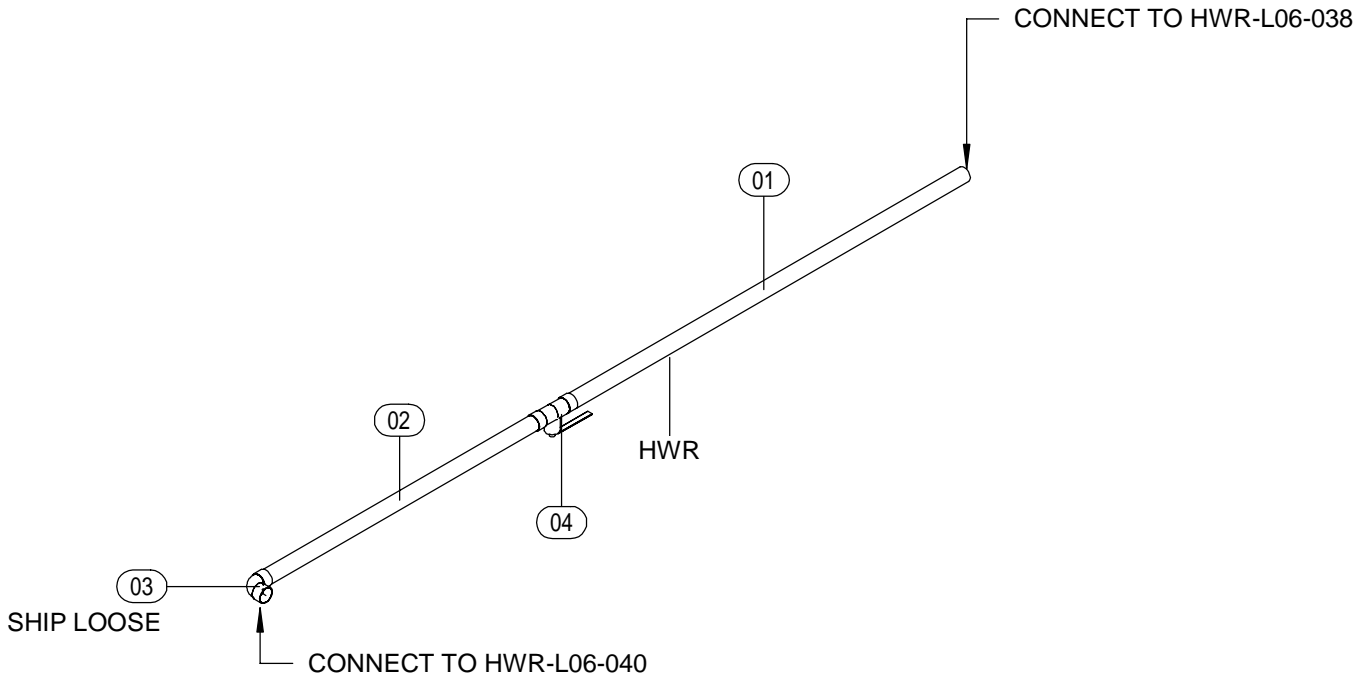
JOB:	WASH U NRB
TICKET:	CHS-L06-039
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



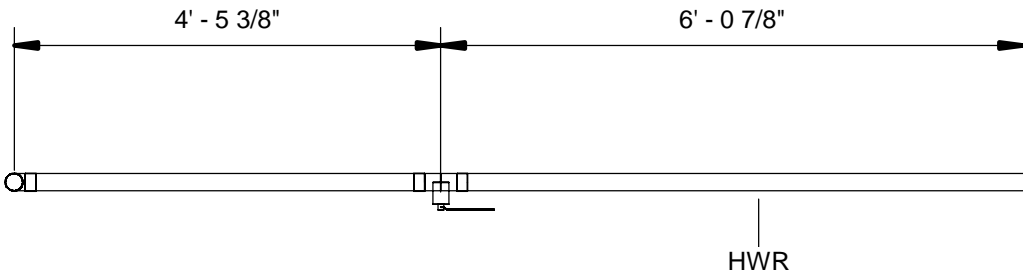
1233 N. Price Rd.
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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
21-10-2021 11:24:38

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	5'-10 7/8"				1 1/2"
02	1	2"	Cerro Type K Hard Copper Pipe	4'-1 15/16"				1 1/2"
03	1	2"	Nibco Wrot 607 90 Deg Ell CxC					1 1/2"
04	1	2"	Nibco S-585-70					1 1/2"



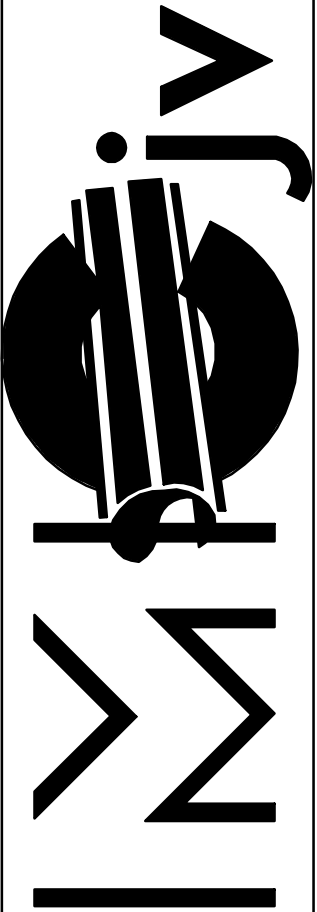
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

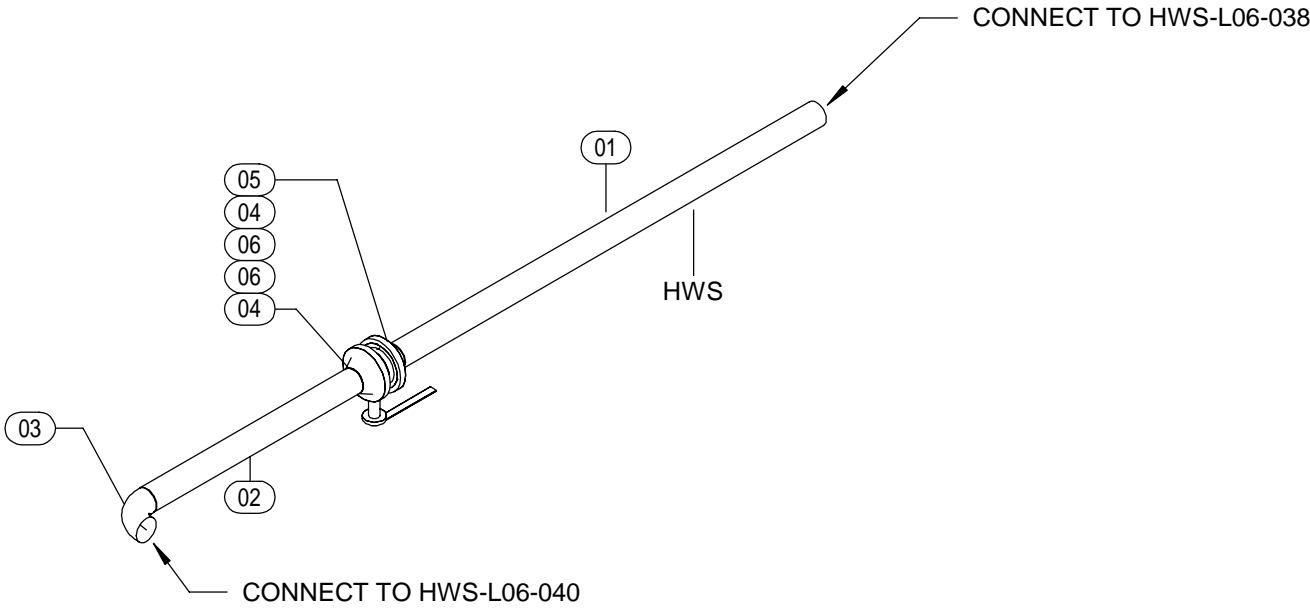
JOB:	WASH U NRB
TICKET:	HWR-L06-039
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



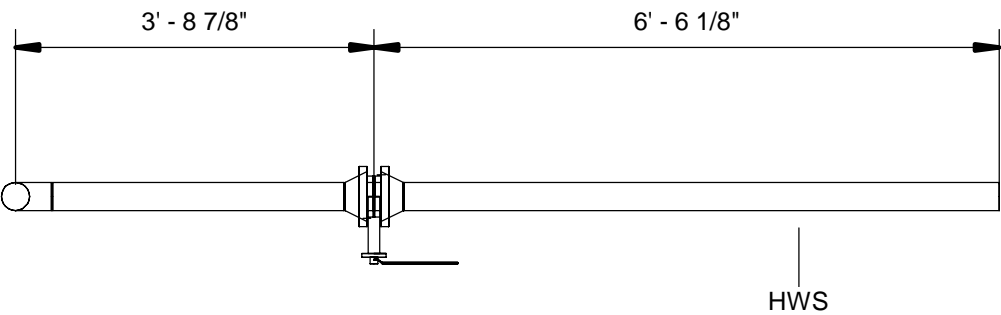
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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
21-10-2021 14:33:21

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	6'-2 3/8"				1 1/2"
02	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	3'-0 7/16"				1 1/2"
03	1	3"	Weldbend Std Wt SA234 WPB CS BW LR 90 Deg Ell					1 1/2"
04	2	3"	Weldbend 150lb RF Sch 40 Bore SA105 CS WN Flg					1 1/2"
05	1	3"	Nibco N200235 Butterfly Valve					1 1/2"
06	2	3"	Generic 150lb CS Flange Cap Screw Set					



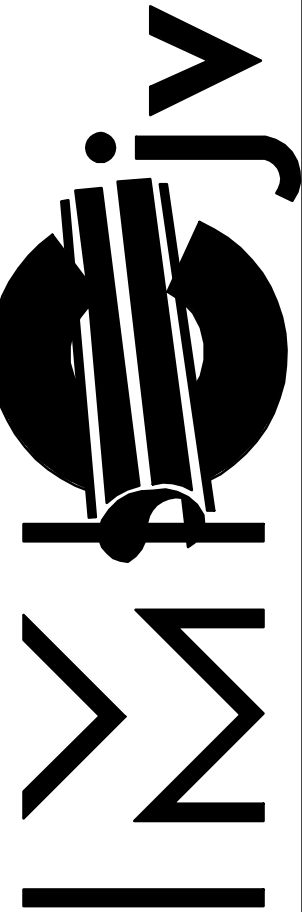
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

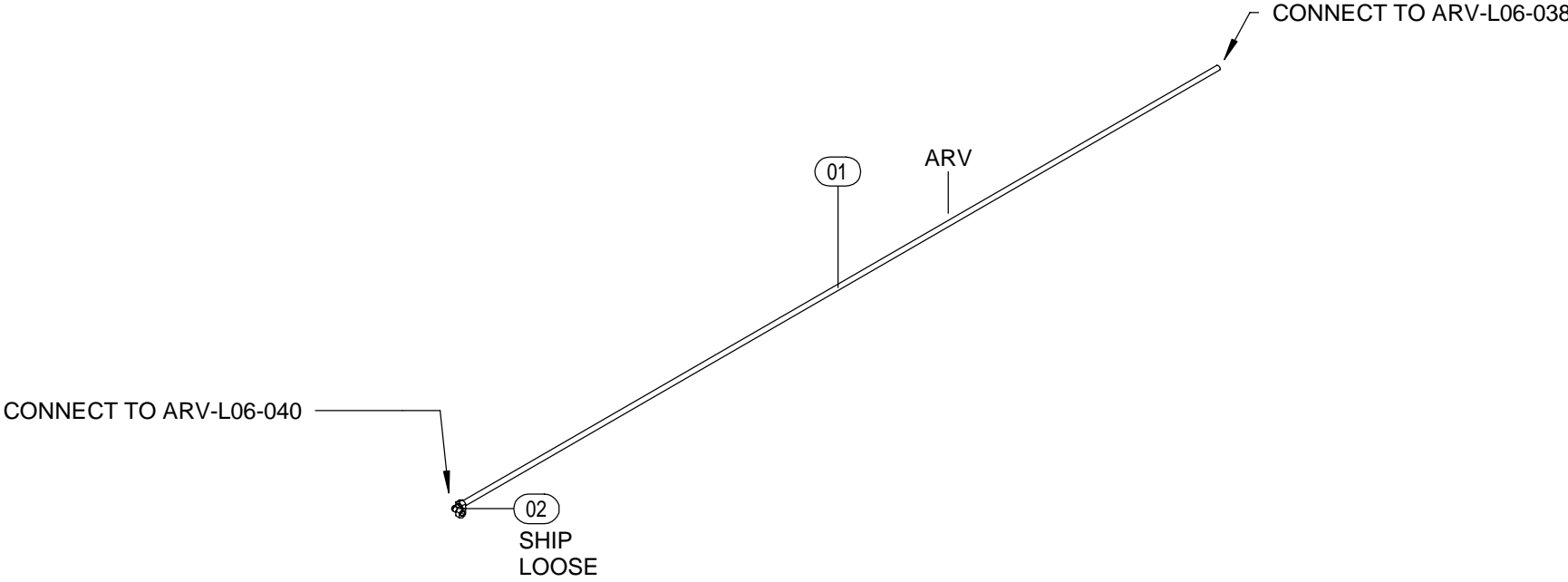
JOB:	WASH U NRB
TICKET:	HWS-L06-039
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



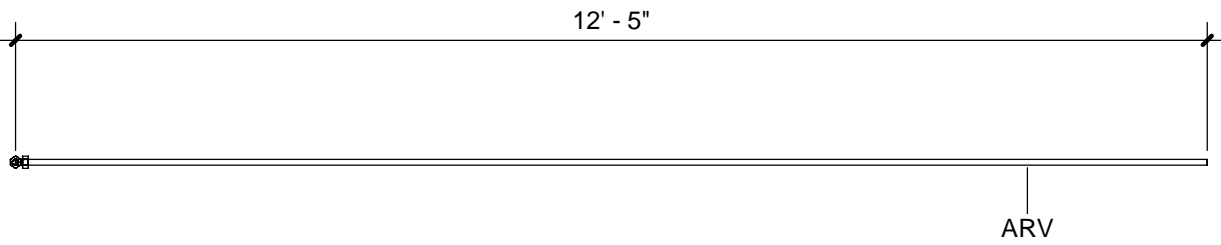
1233 N. Price Rd.
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26-10-2021 08:56:38

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	12'-4 7/16"				
02	1	3/4"	Swagelok SS316 Compression Union 90 Elbow					



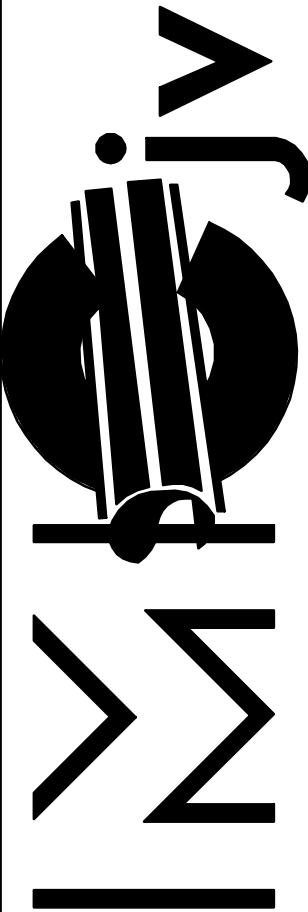
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

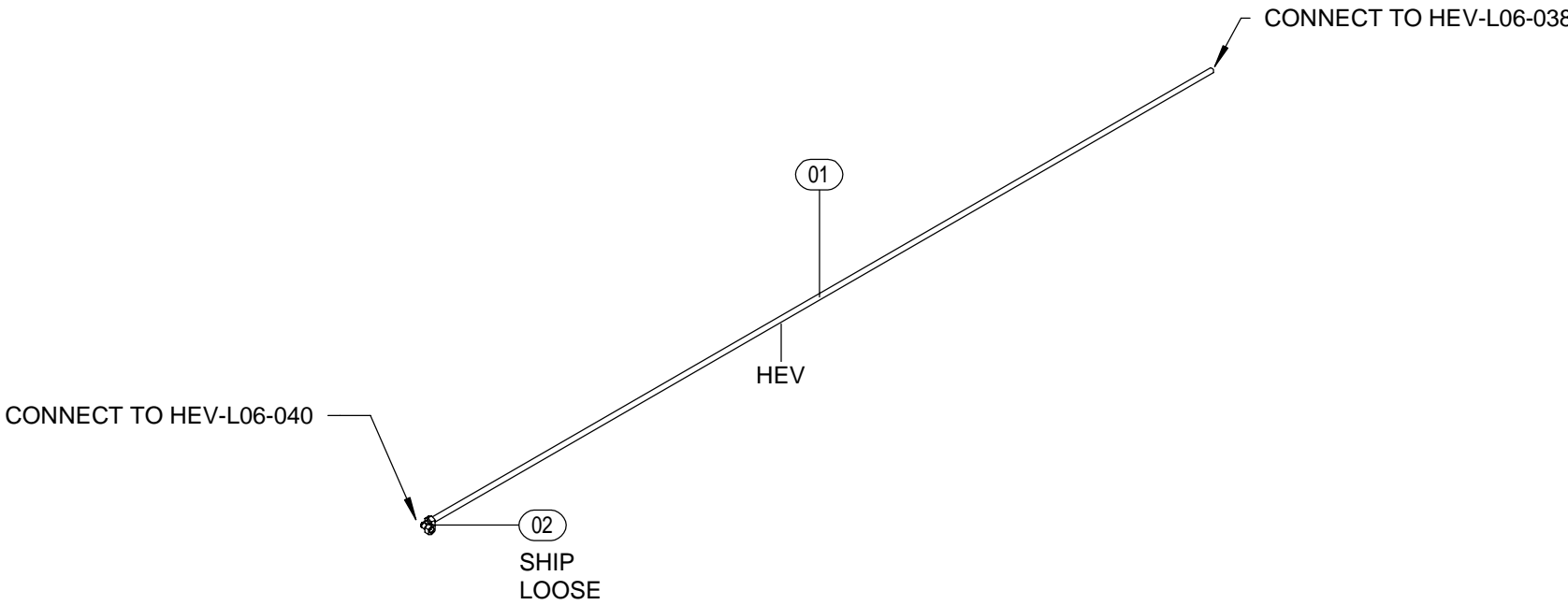
JOB: WASH U NRB
TICKET: ARV-L06-039
Drawn By: Author
DATE: 10/26/21
DATE REQ:



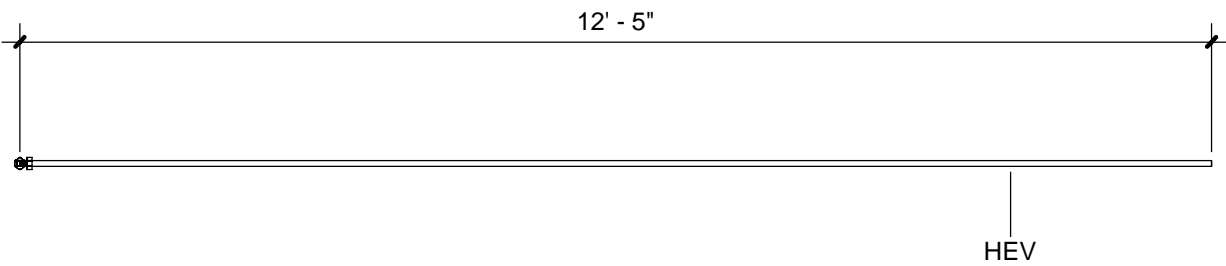
1233 N. Price Rd.
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BIM 360//WUSM NRBWUSM_RB_PUF.rvt
26-10-2021 09:40:24

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	12'-4 7/16"				
02	1	3/4"	Swagelok SS316 Compression Union 90 Elbow					



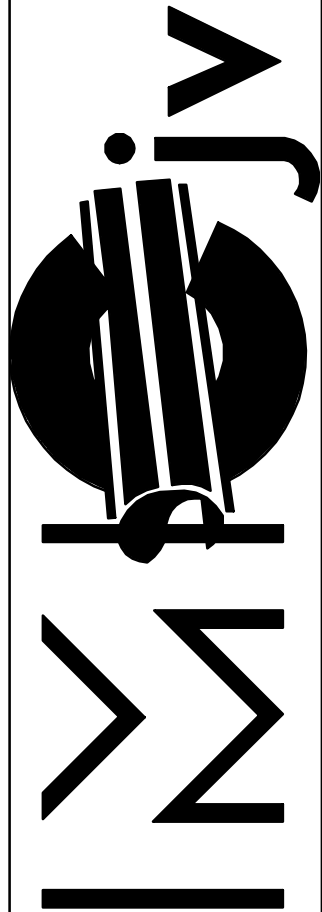
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

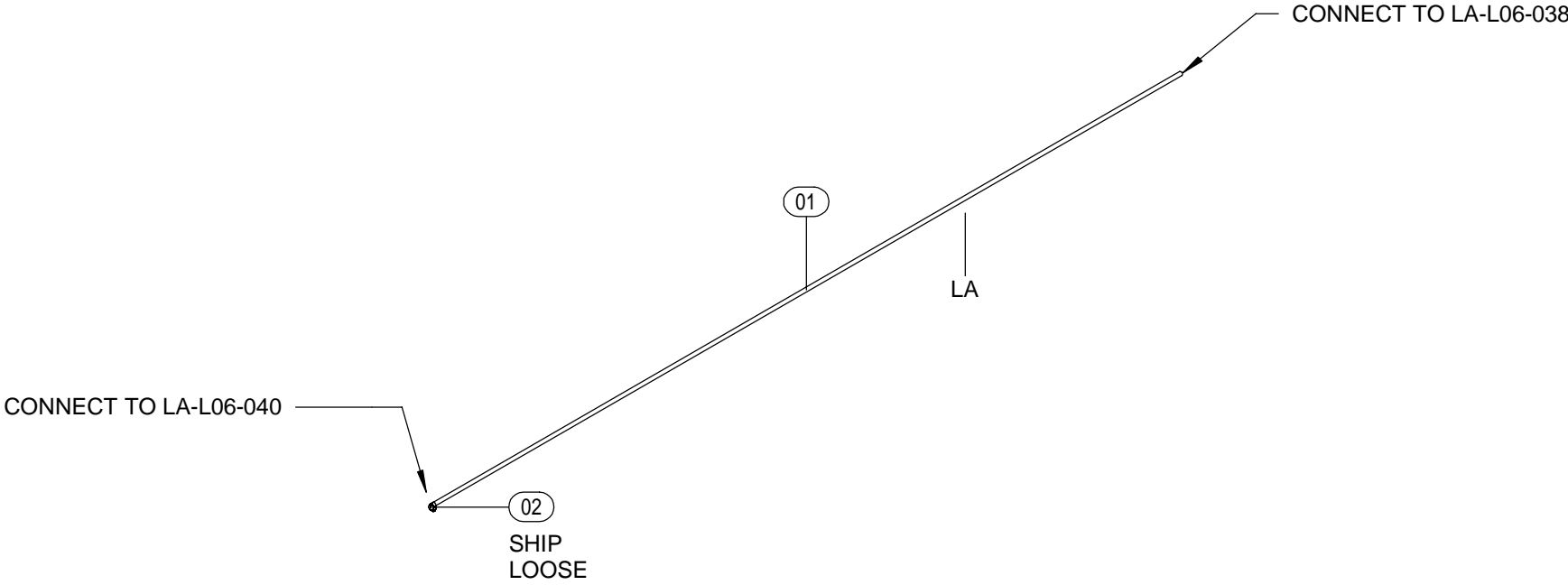
JOB:	WASH U NRB
TICKET:	HEV-L06-039
Drawn By: Author	
DATE: 10/26/21	DATE REQ:



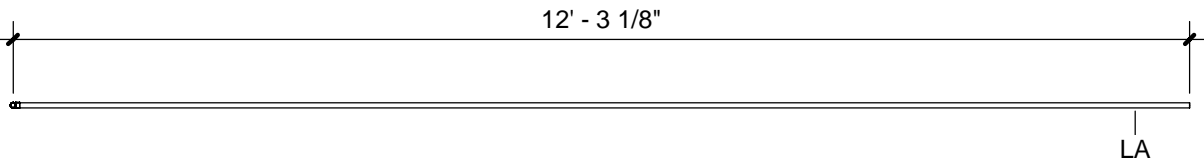
1233 N. Price Rd.
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BIM 360//WUSM NRB\\WUSM_RB_PUF.rvt
26-10-2021 11:16:48

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	12'-2 3/4"				
02	1	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					



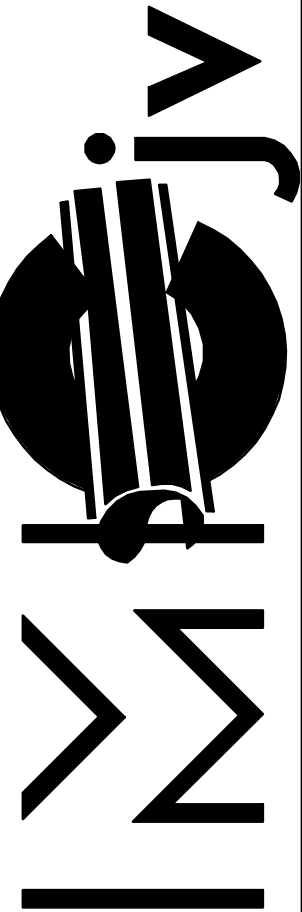
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

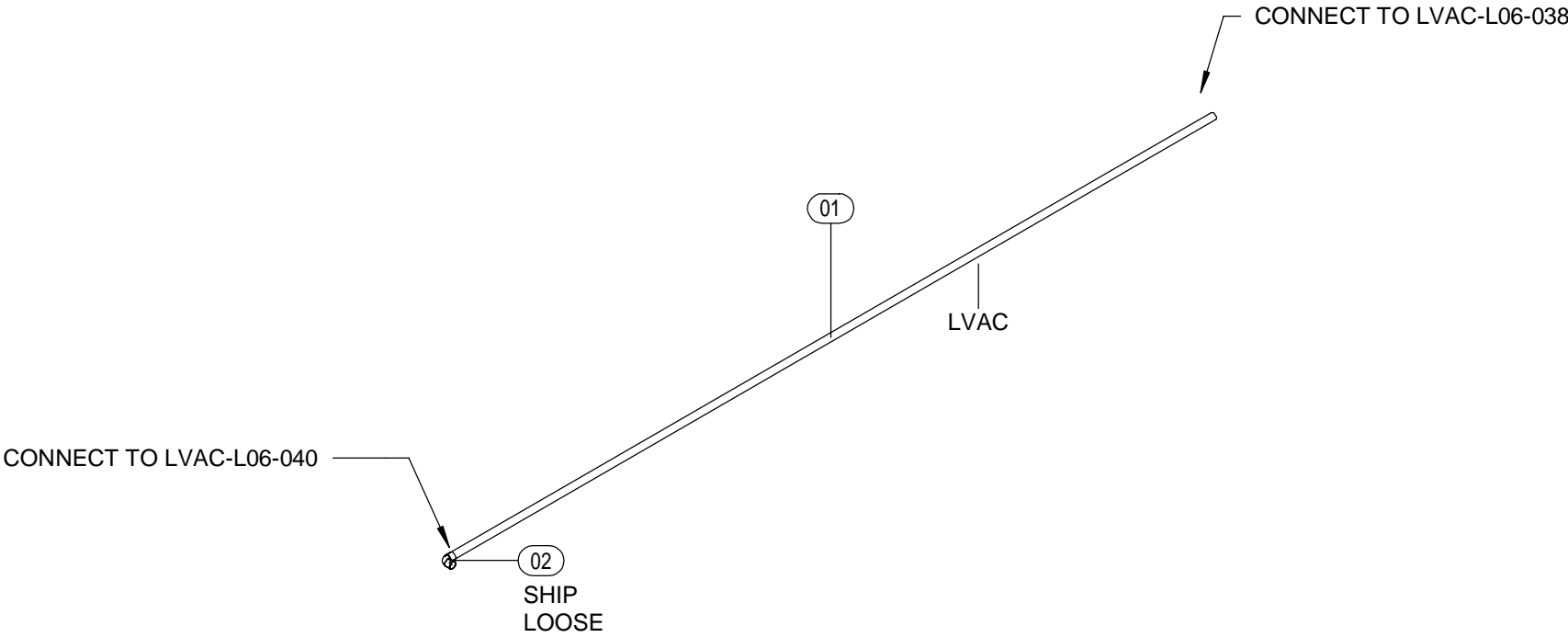
JOB:	WASH U NRB
TICKET:	LA-L06-039
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



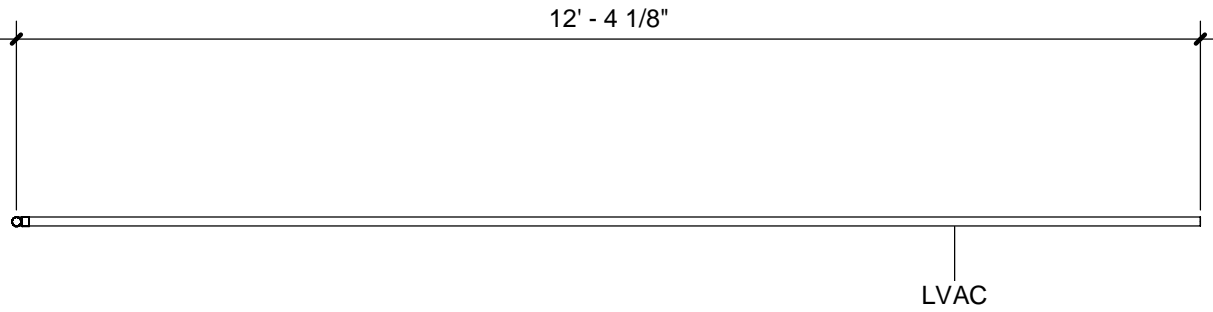
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314-997-6600 phone

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26-10-2021 10:56:19

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1"	Cerro Type L Hard Copper - CFOS	12'-3 7/16"				
02	1	1"	Nibco 607-CB CFOS Wrot 90 Elbow					



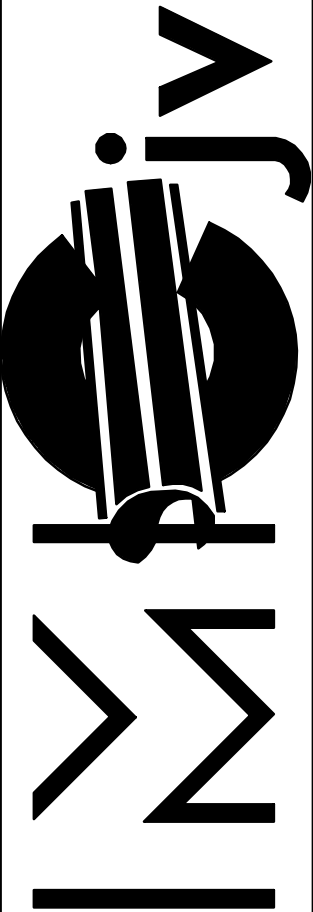
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	LVAC-L06-039
Drawn By: Author	
DATE: 10/26/21	DATE REQ:



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314-997-6600 phone