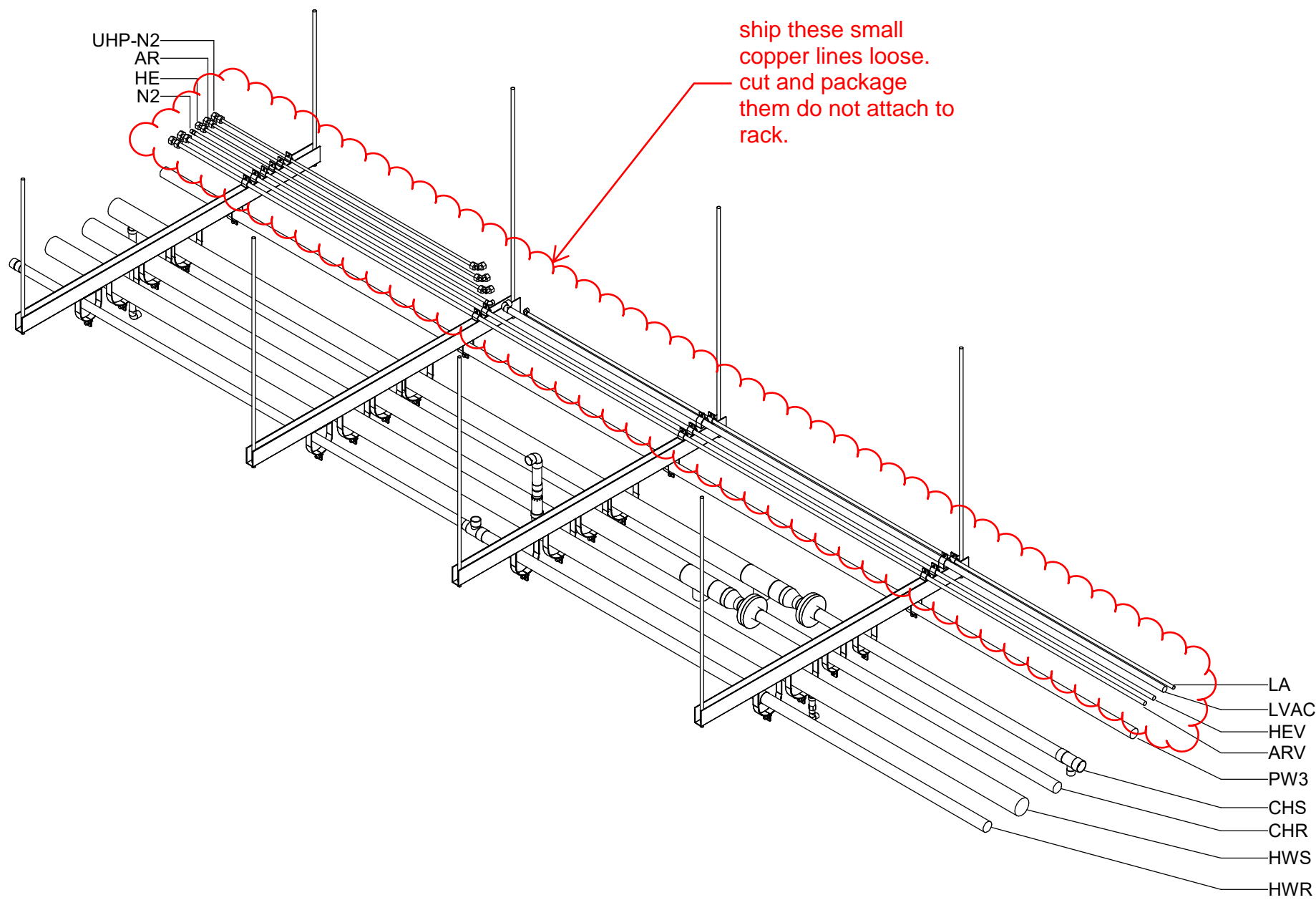
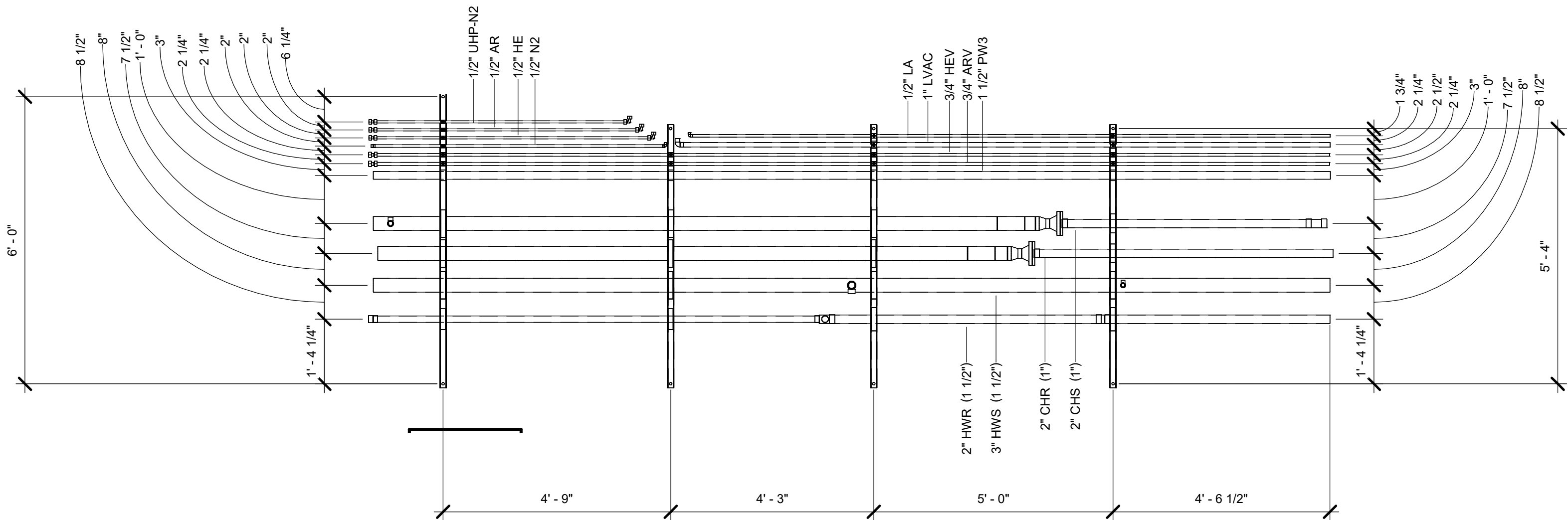


BIM 360/WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
11/17/2021 9:01:16 AM



1 AS-L06-037 - ISOMETRIC
AS-L06-037 SCALE:



2 AS-L06-037
AS-L06-037 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4



1233 N. Price Rd.
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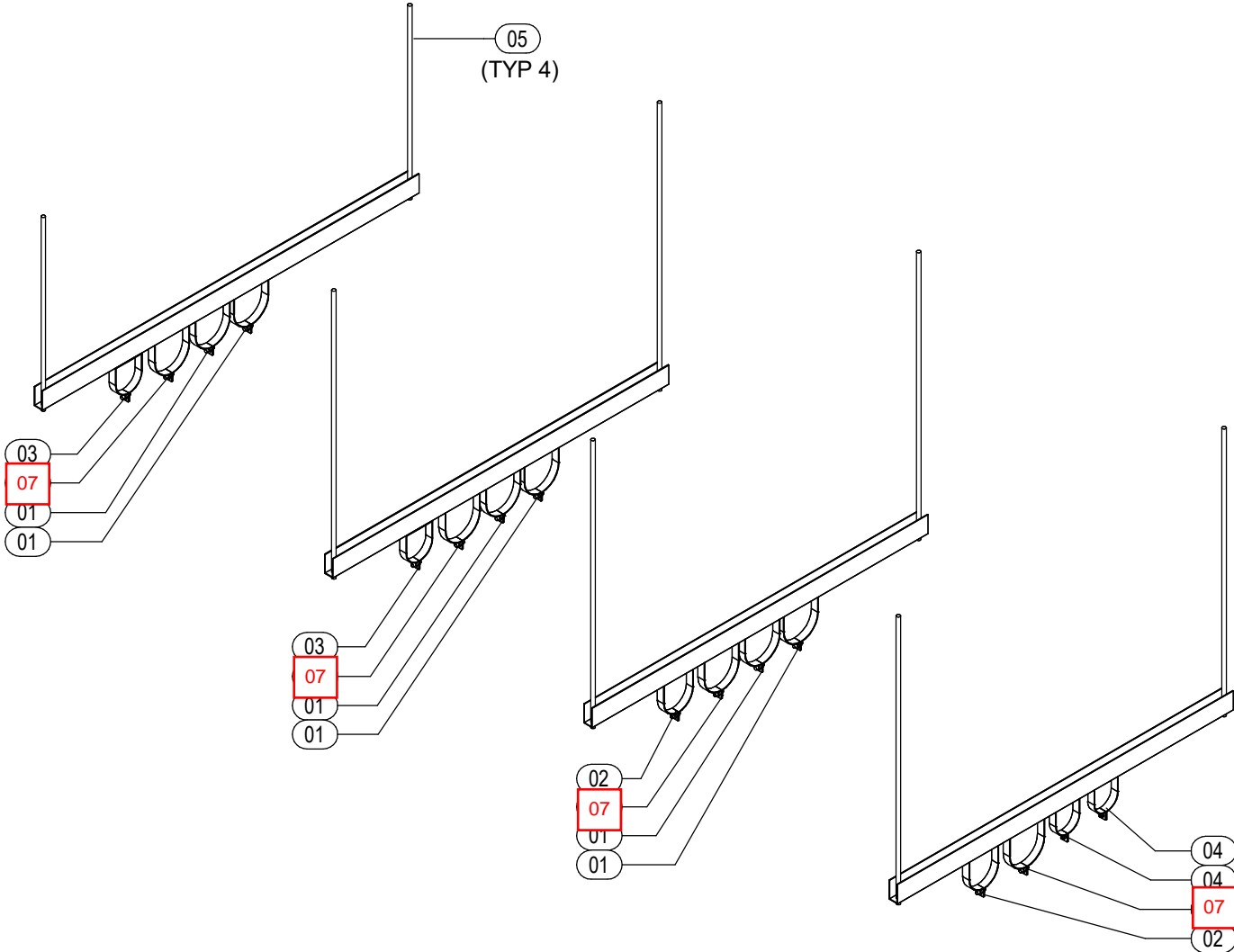
JOB: WASH U NRB

TICKET: AS-L06-037

Drawn By: Author

DATE REQ: 10/27/21

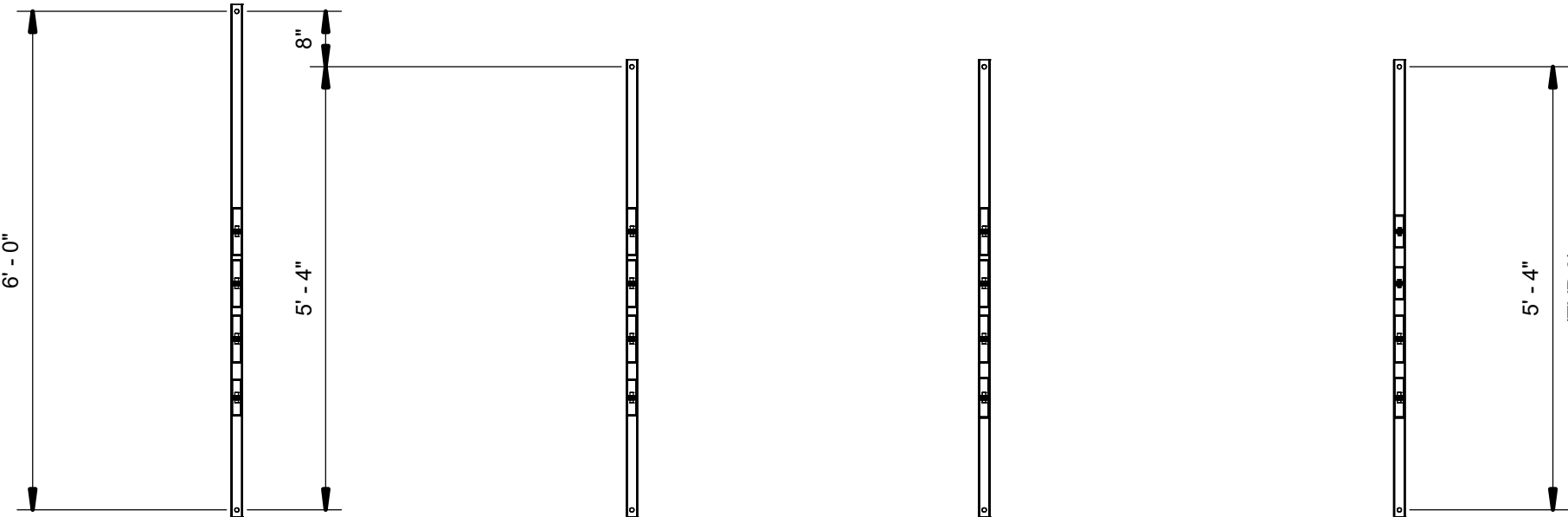
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10/29/2021 11:03:37 AM



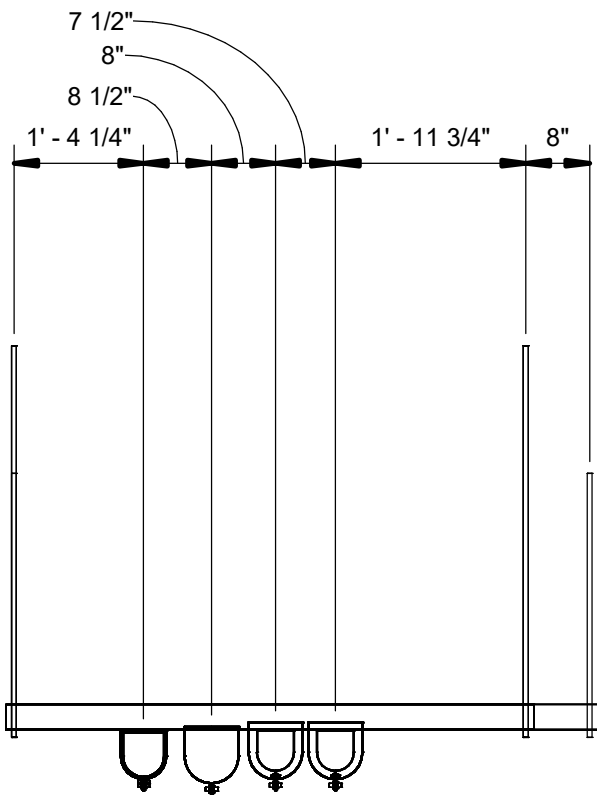
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	10	6"	B-Line B2000 ZN Sch 40 Pipe Clamp					
02	1	5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
03	2	4.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
04	2	4"	B-Line B2000 ZN Sch 40 Pipe Clamp					
05	1	70"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		6' - 2"	2' - 8 5/8"	2' - 8 5/8"	
06	3	62"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		5' - 6"	4' - 0 5/8"	4' - 0 5/8"	

01	6	5 5/8"	B-LINE #2066
02	2	5 1/8"	B-LINE #2062
03	2	4 5/8"	B-LINE #2058
04	2	4 1/8"	B-LINE #2054
07	4	6 5/8"	B-LINE #2020

1 ISOMETRIC
SCALE:



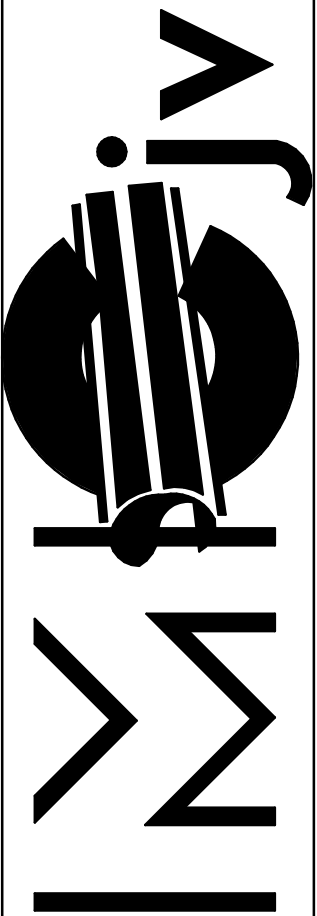
2 TOP VIEW
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

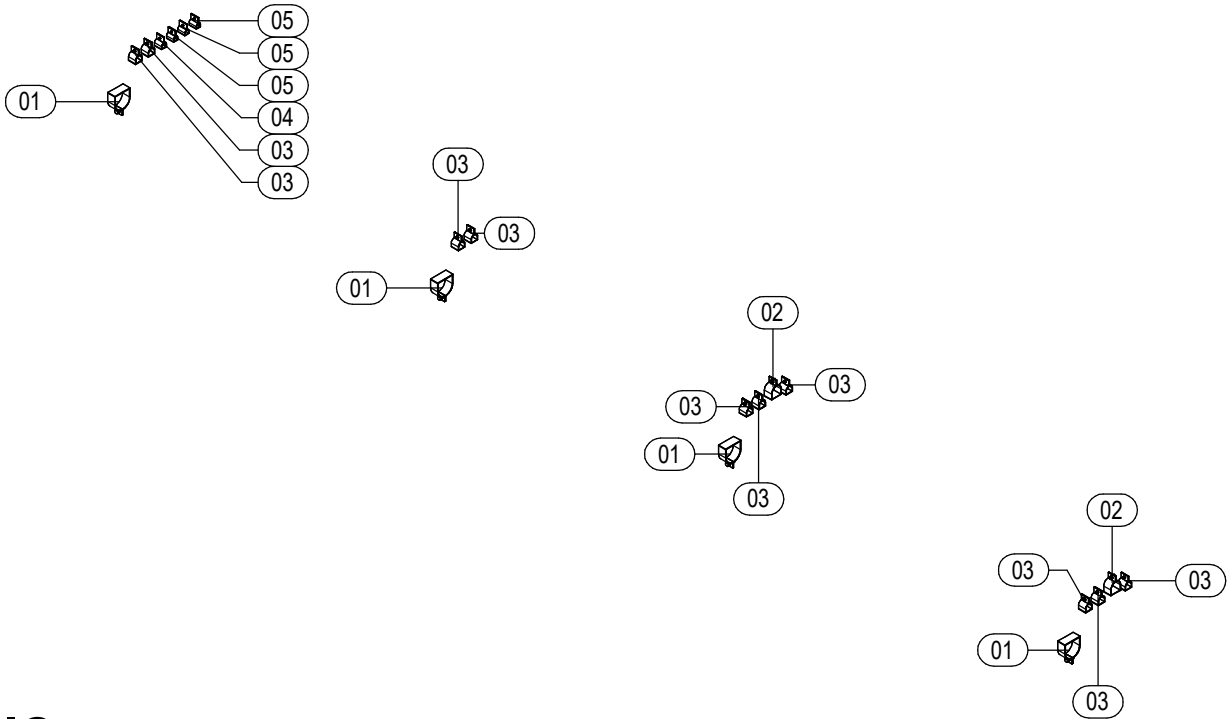
JOB:	WASH U NRB
TICKET:	HPHGR-L06-037
Drawn By: Author	
DATE: 10/10/21	DATE REQ:



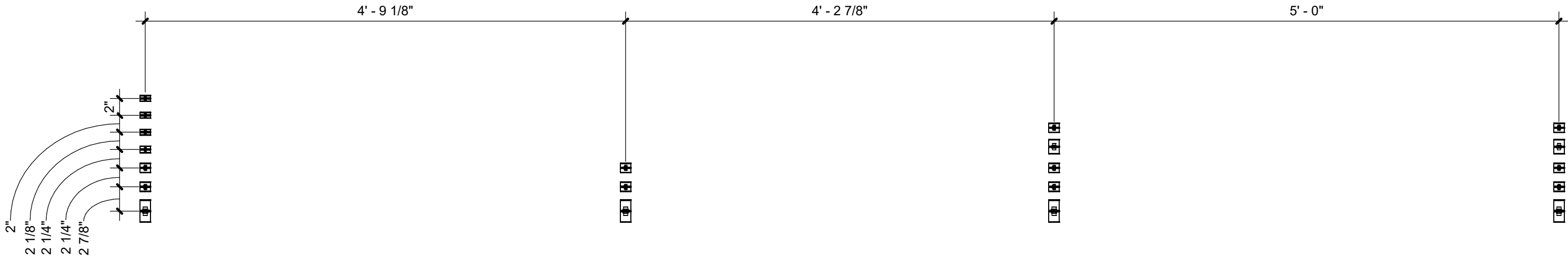
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10/29/2021 11:22:48 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	4	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
02	2	1.25"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
03	10	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
04	1	0.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
05	3	0.38"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					



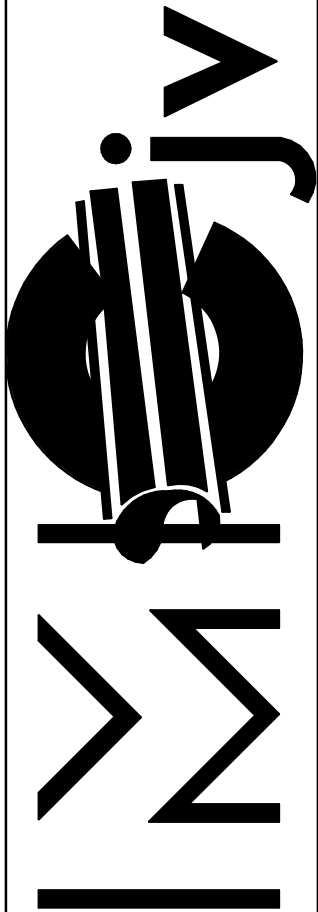
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

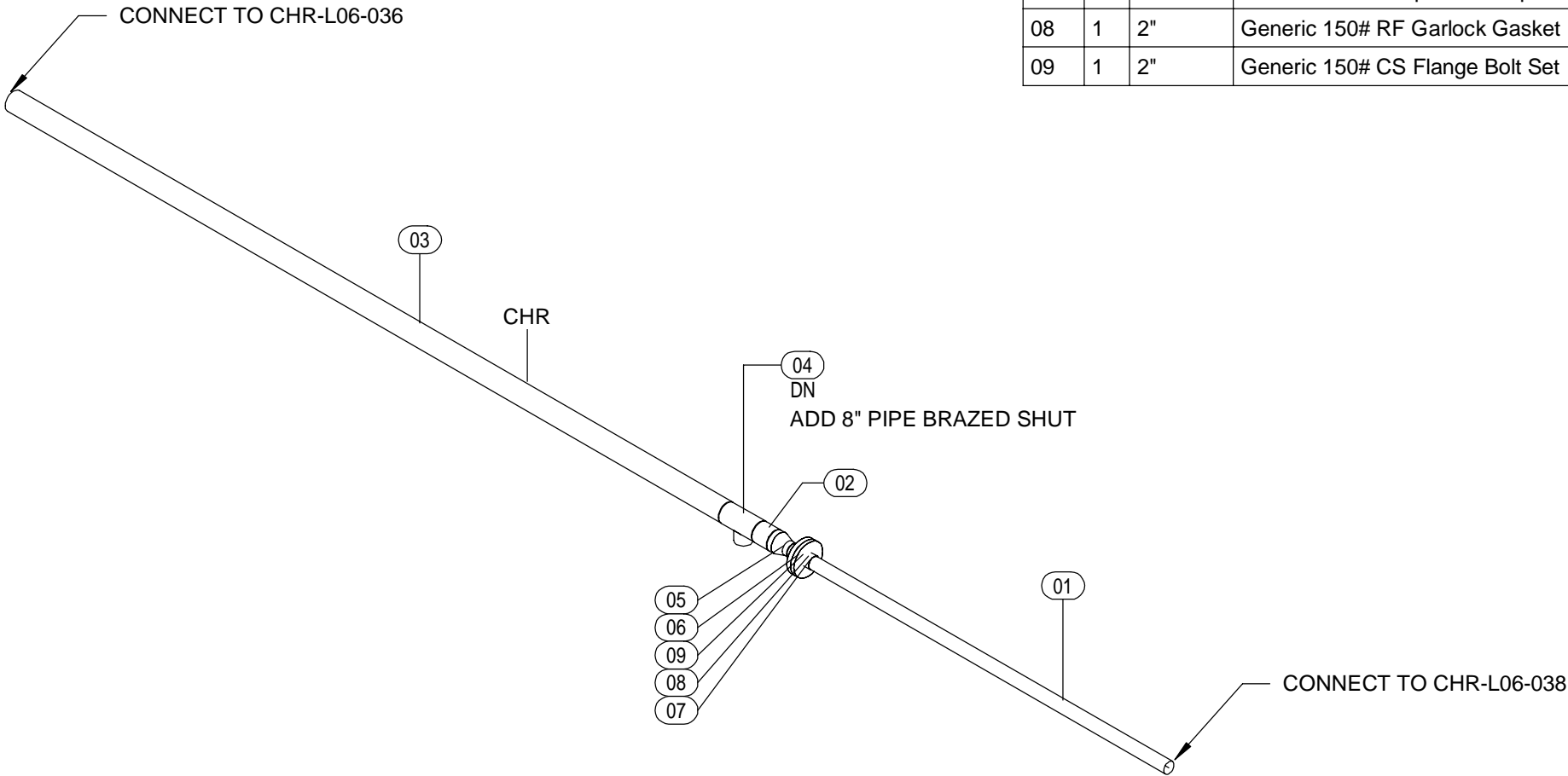
JOB:	WASH U NRB
TICKET:	PUHGR-L06-037
Drawn By: Author	
DATE: 10/26/21	DATE REQ:



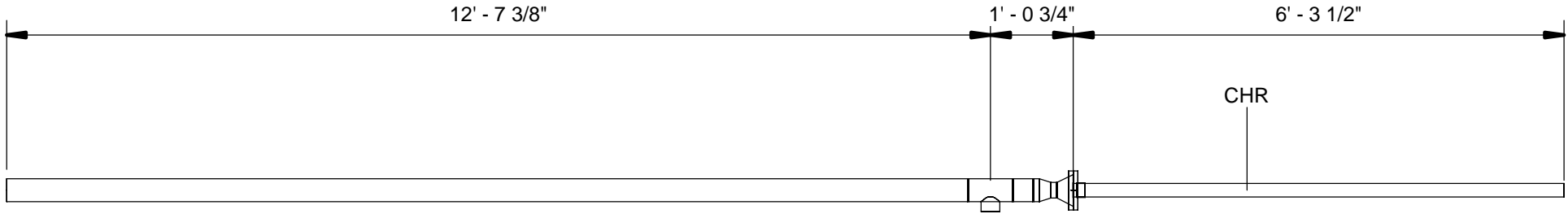
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21-10-2021 08:00:12

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	6'-2 15/16"				1"
02	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-3"				1"
03	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	12'-3 13/16"				1"
04	1	3"x2 1/2"	Weldbend Std Wt SA234 WPB CS BW RED TEE					1"
05	1	3"x2"	Weldbend Std Wt SA234 WPB CS BW CONC RED					1"
06	1	2"	Weldbend 150lb RF Sch 40 Bore SA105 CS WN Flg					1"
07	1	2"	Nibco 150lb 672 2pc LF Compainion Flange					1"
08	1	2"	Generic 150# RF Garlock Gasket 1/16 Thick					1"
09	1	2"	Generic 150# CS Flange Bolt Set					



1 ISOMETRIC



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

A1	A3	B1	B3
A2	A4	B2	B4

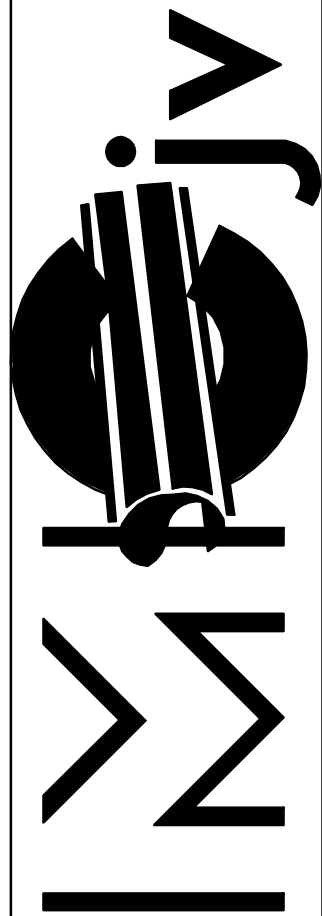
JOB: WASH U NRB

TICKET: CHR-L06-037

Drawn By: Author

DATE: 10/21/21

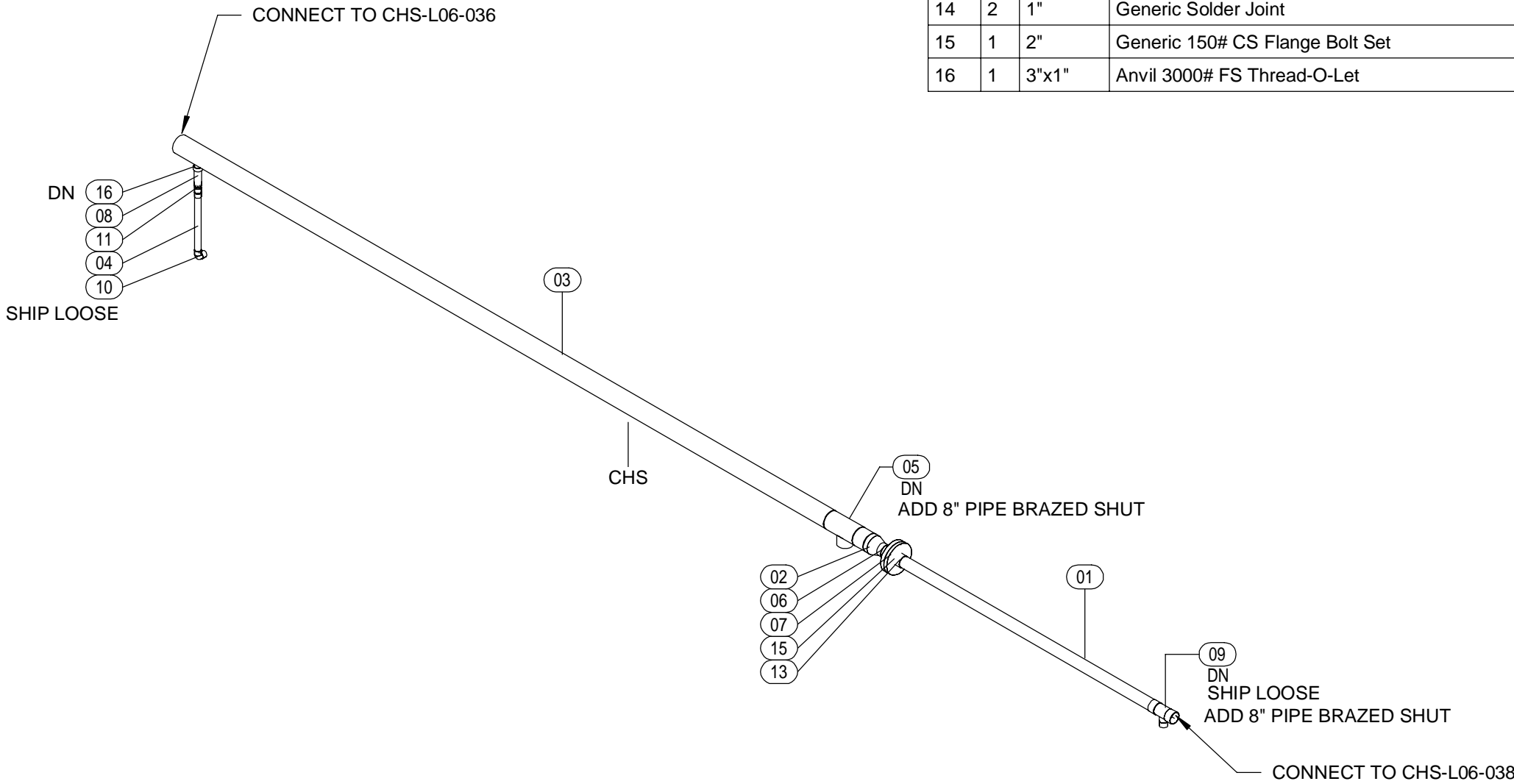
DATE REQ:



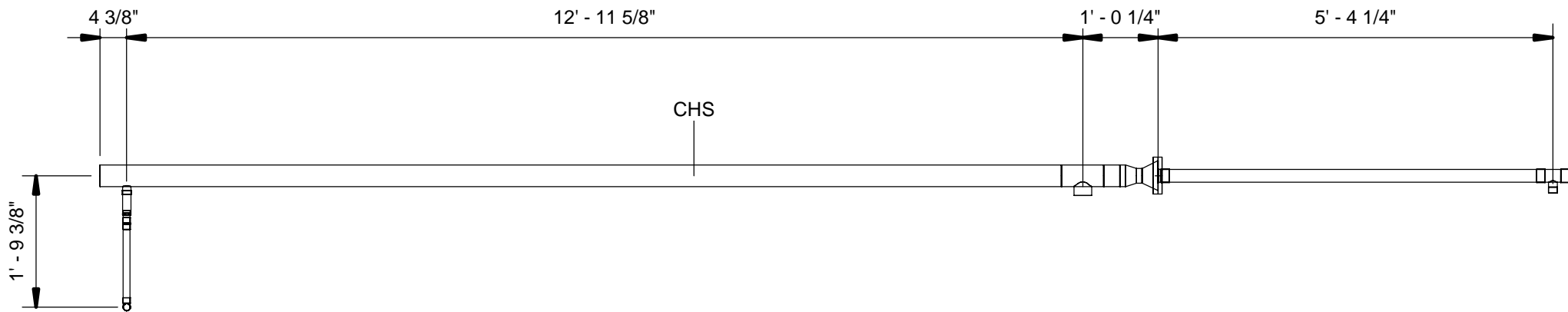
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22-10-2021 16:31:05

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	5'-2 1/2"				1"
02	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-2 1/2"				1"
03	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	13'-0 7/16"				1"
04	1	1"	Cerro Type K Hard Copper Pipe	1'-0 15/16"				1"
05	1	3"x2 1/2"	Weldbend Std Wt SA234 WPB CS BW RED TEE					1"
06	1	3"x2"	Weldbend Std Wt SA234 WPB CS BW CONC RED					1"
07	1	2"	Weldbend 150lb RF Sch 40 Bore SA105 CS WN Flg					1"
08	1	1"	Victaulic No.647 TT Dielectric Transition Fitting					1"
09	1	2"x1 1/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
10	1	1"	Nibco Wrot 607 90 Deg Ell CxC					1"
11	1	1"	Nibco Wrot 603-2 Ftg Adapter CxF					1"
12	1	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
13	1	2"	Nibco 150lb 672 2pc LF Companion Flange					1"
14	2	1"	Generic Solder Joint					1"
15	1	2"	Generic 150# CS Flange Bolt Set					
16	1	3"x1"	Anvil 3000# FS Thread-O-Let					1"



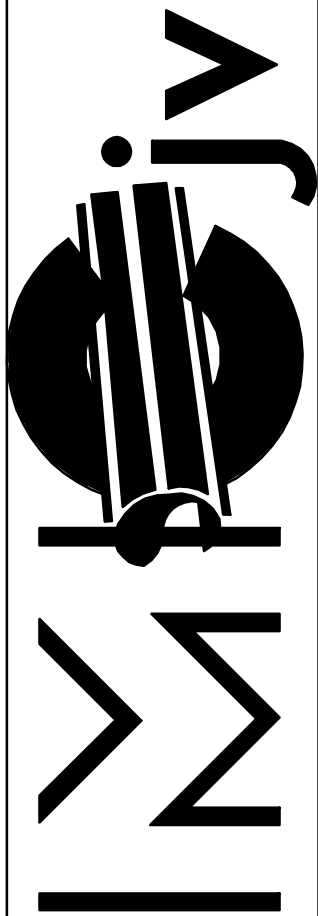
1 ISOMETRIC



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

A1	A3	B1	B3
A2	A4	B2	B4

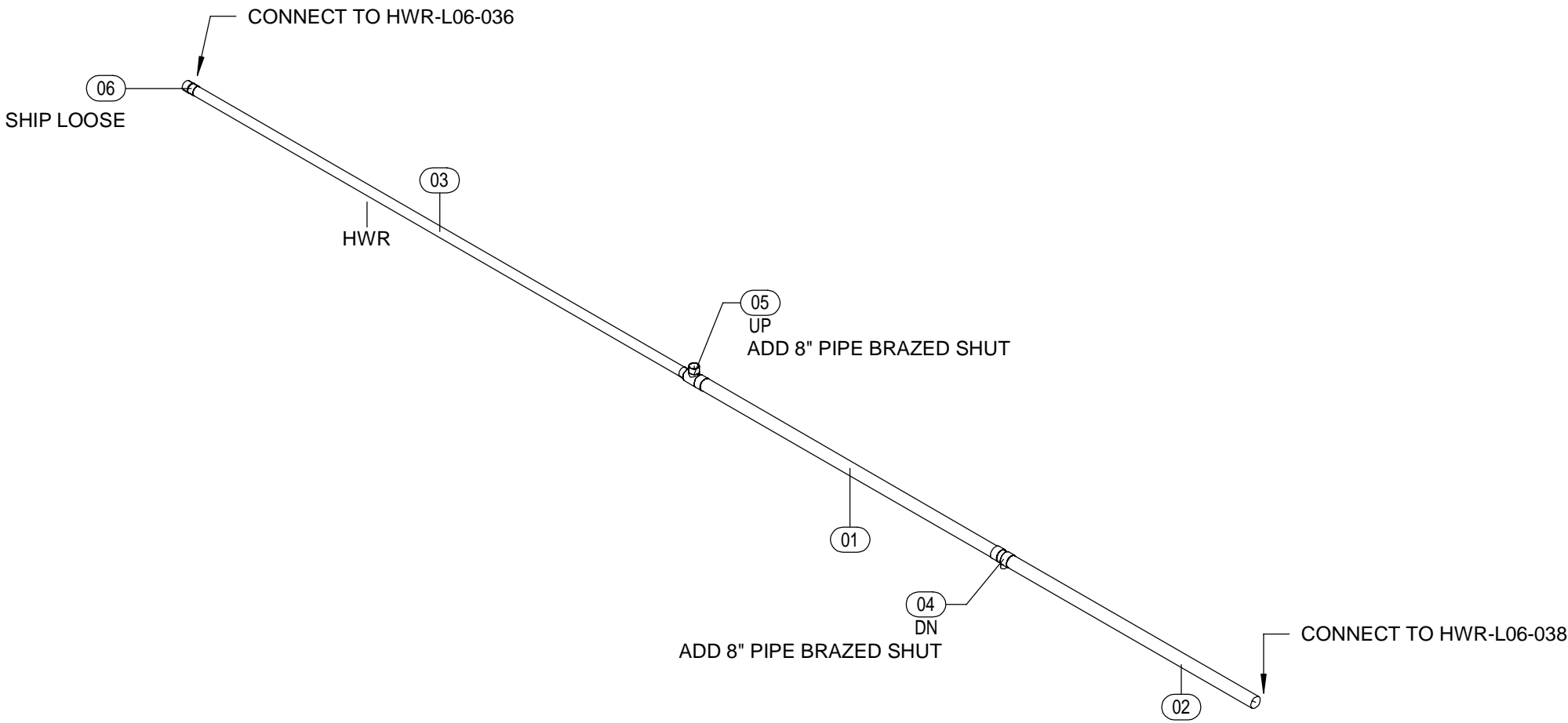
JOB: WASH U NRB
TICKET: CHS-L06-037
Drawn By: Author
DATE: 10/22/21
DATE REQ:



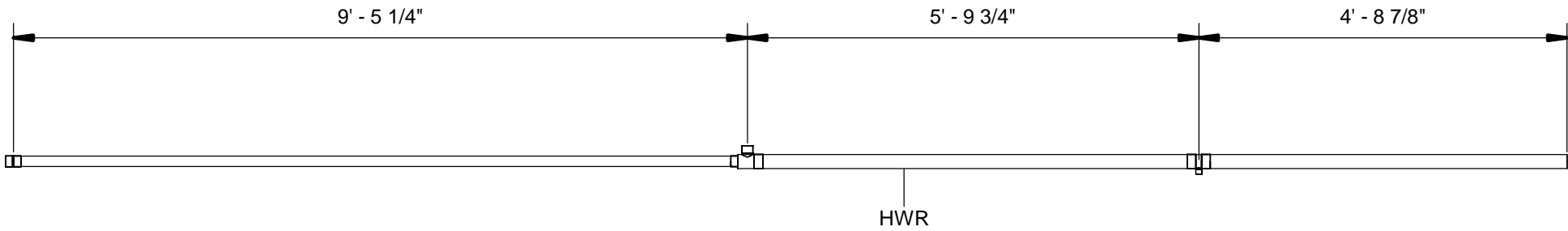
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21-10-2021 11:19:05

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	5'-8 3/16"				1 1/2"
02	1	2"	Cerro Type K Hard Copper Pipe	4'-8 7/16"				1 1/2"
03	1	1 1/2"	Cerro Type K Hard Copper Pipe	9'-3 13/16"				1 1/2"
04	1	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
05	1	2"x1 1/2"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
06	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



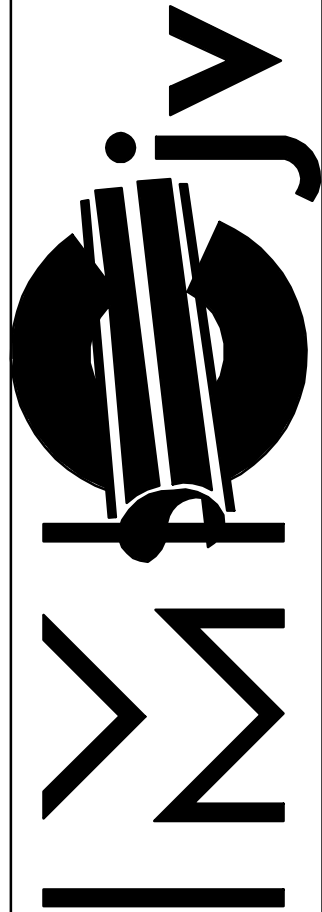
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

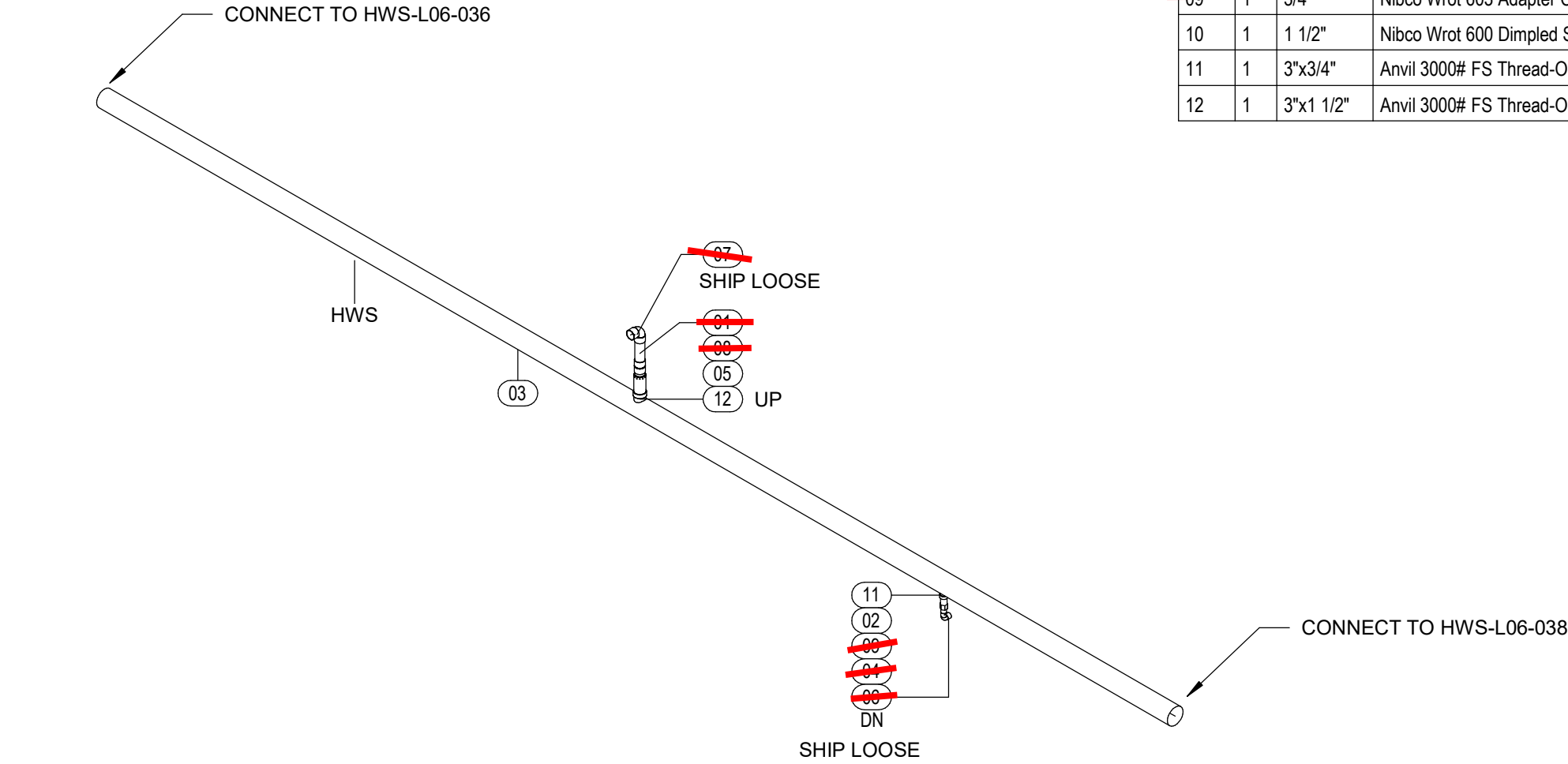
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TICKET:	HWR-L06-037
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



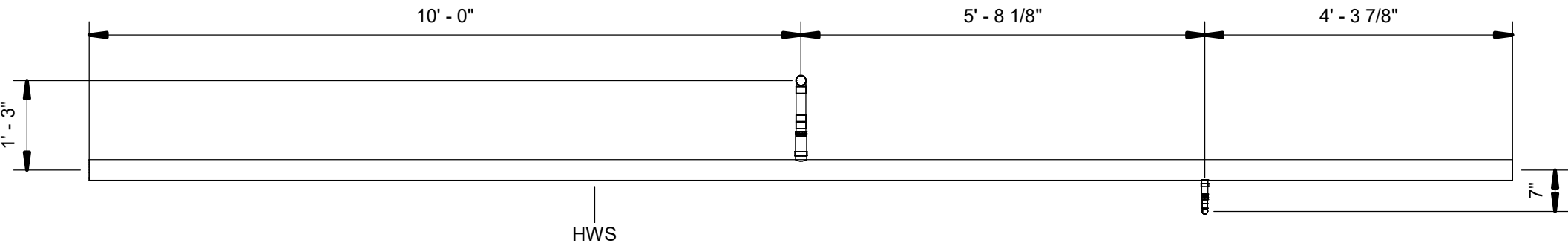
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11/11/2021 8:53:08 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Geno Type K Hard Copper Pipe	0'-6 7/8"				1 1/2"
02	1	3/4"	Victaulic No.647 TT Dielectric Transition Fitting	0'-3"				1"
03	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	19'-11 7/8"				1 1/2"
04	1	3/4"	Geno Type K Hard Copper Pipe	0'-4 1/2"				1"
05	1	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting					1 1/2"
06	1	3/4"	Nibco Wrot 607-00 Deg Ell CxC					1"
07	1	1 1/2"	Nibco Wrot 607-00 Deg Ell CxC					1 1/2"
08	1	1 1/2"	Nibco Wrot 605-2 Ftg Adapter CxI					1 1/2"
09	1	3/4"	Nibco Wrot 605 Adapter CxI					1"
10	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"
11	1	3"x3/4"	Anvil 3000# FS Thread-O-Let					1"
12	1	3"x1 1/2"	Anvil 3000# FS Thread-O-Let					1 1/2"



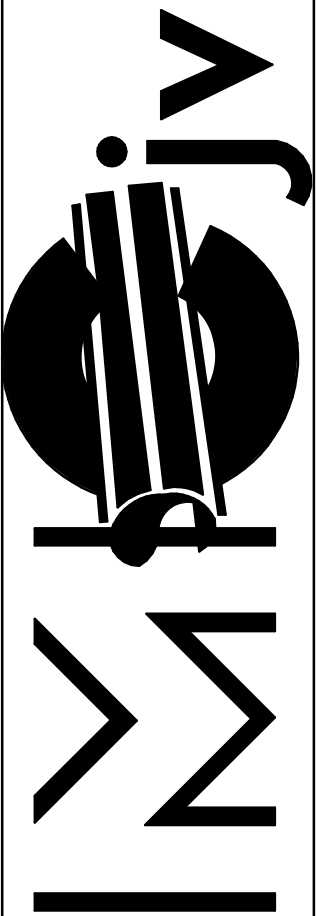
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

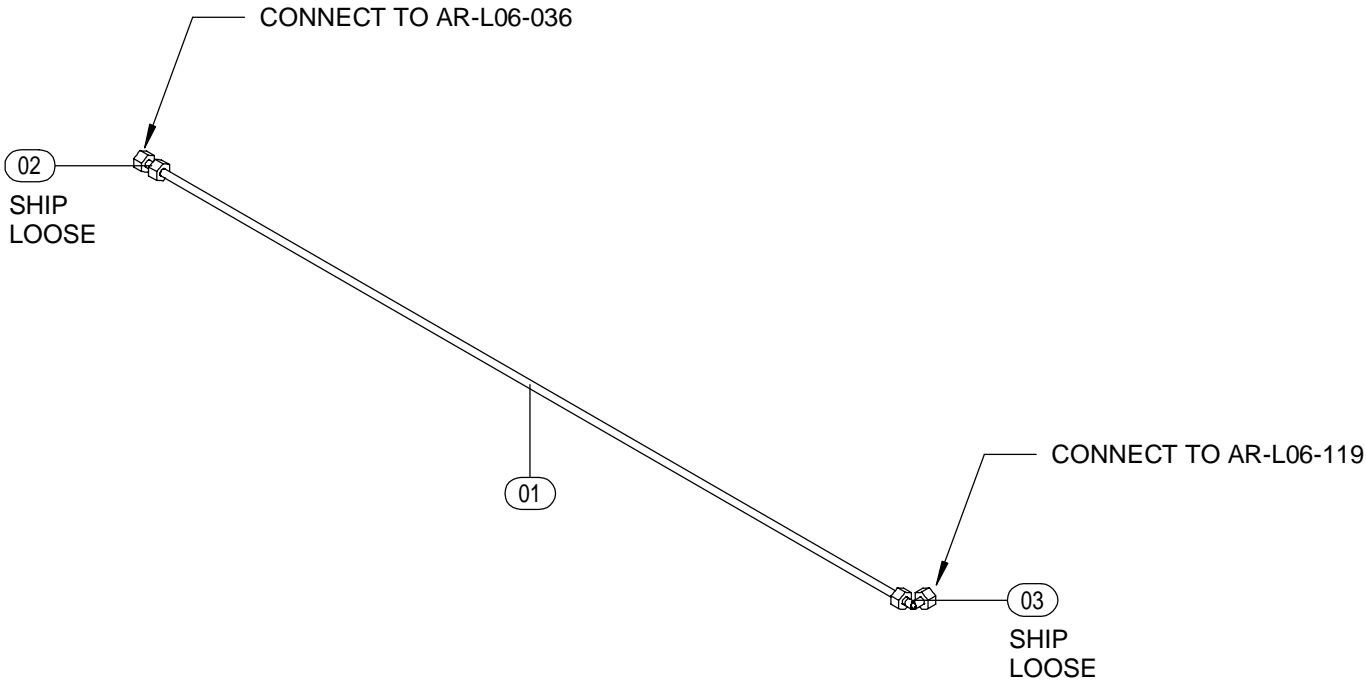
JOB: WASH U NRB
TICKET: HWS-L06-037
Drawn By: Author
DATE: 10/22/21
DATE REQ:



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26-10-2021 10:40:10

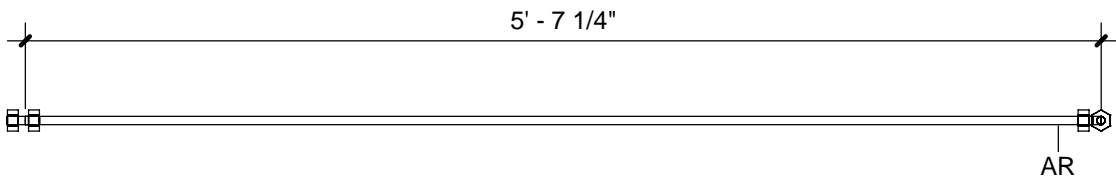
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	5'-6 3/4"				
02	1	1/2"	Swagelok SS316 Compression Union Coupling					
03	1	1/2"	Swagelok SS316 Compression Union 90 Elbow					



1

ISOMETRIC

SCALE:



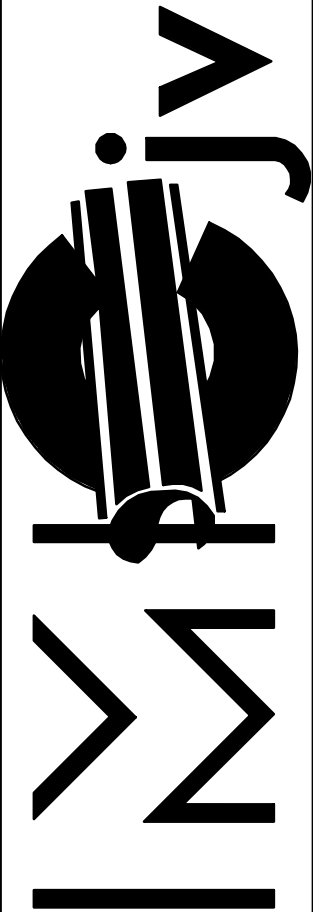
2

FRONT ELEVATION

SCALE: 1" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

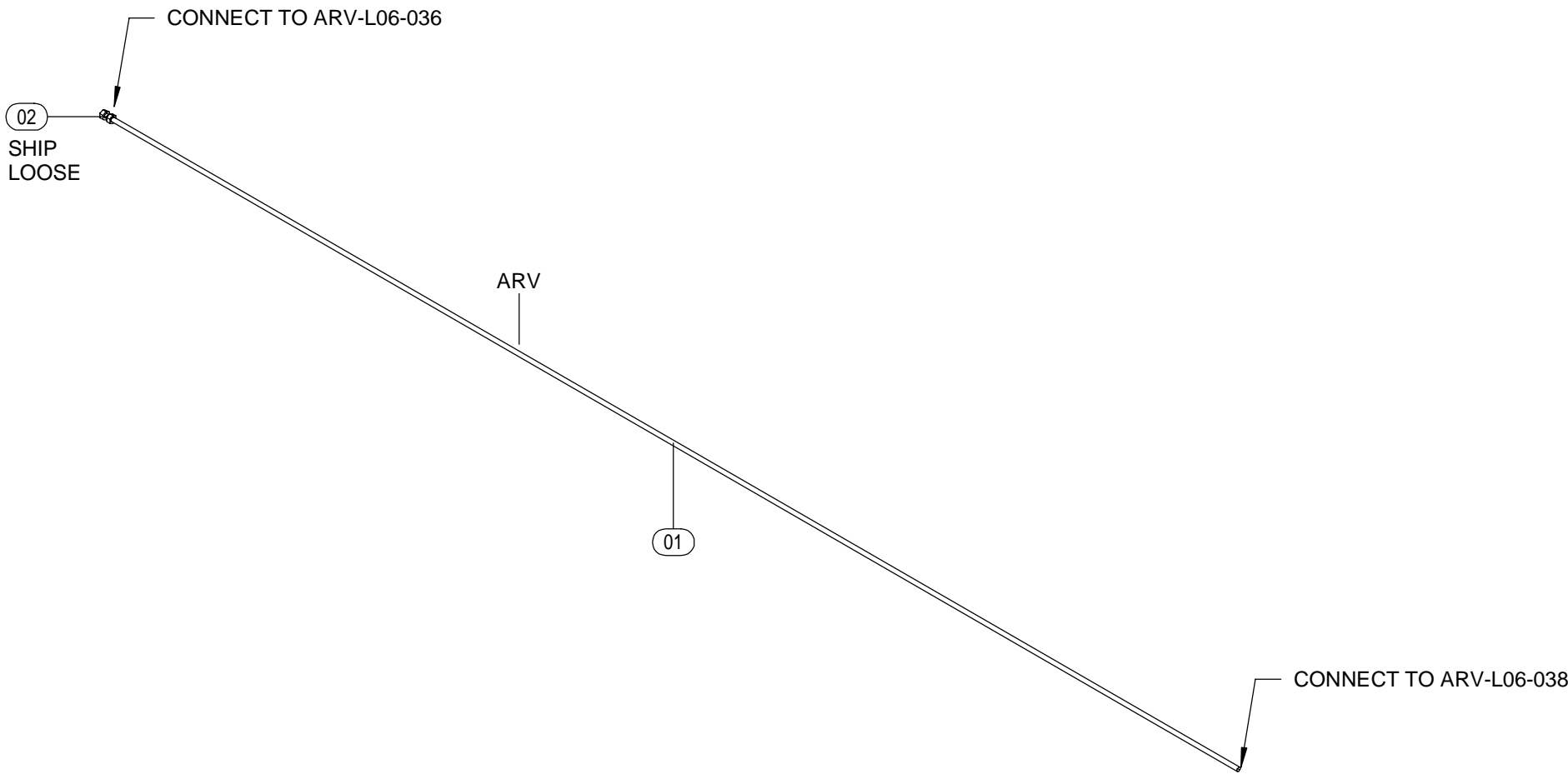
JOB:	WASH U NRB
TICKET:	AR-L06-037
Drawn By: Author	
DATE: 10/26/21	DATE REQ:



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

BIM 360//WUSM NRBWUSM_RB_PUF.rvt
26-10-2021 08:51:33

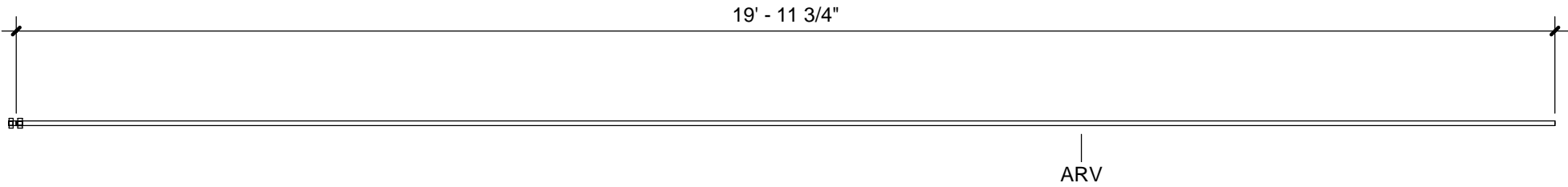
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	19'-11 13/16"				
02	1	3/4"	Swagelok SS316 Compression Union Coupling					



1

ISOMETRIC

SCALE:



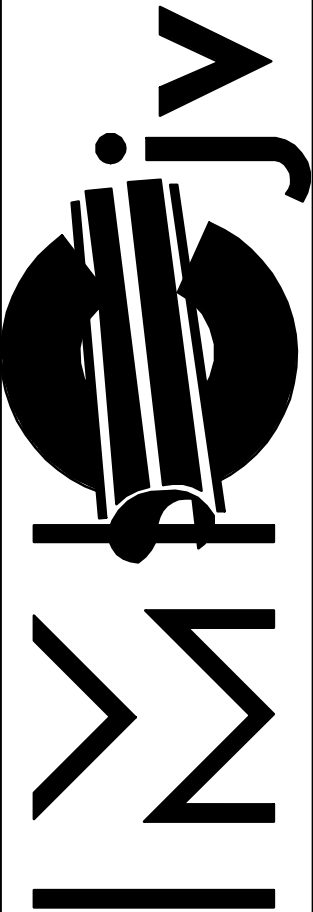
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

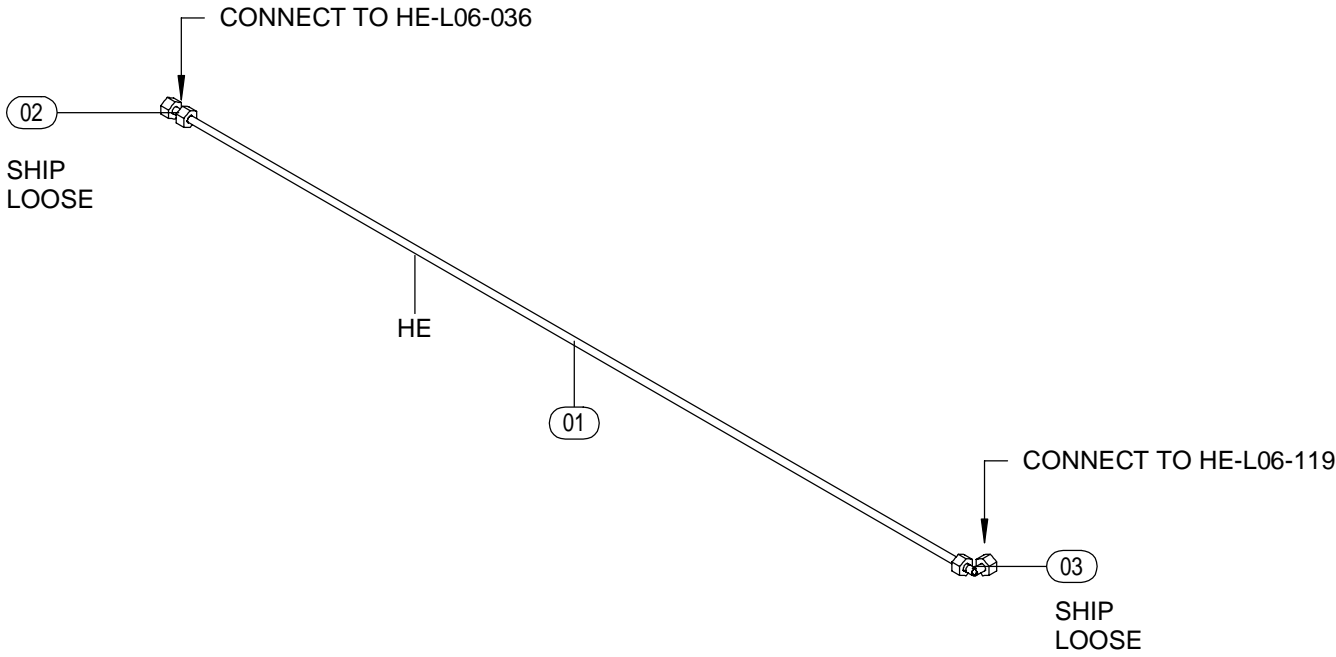
JOB:	WASH U NRB
TICKET:	ARV-L06-037
Drawn By: Author	
DATE: 10/26/21	DATE REQ:



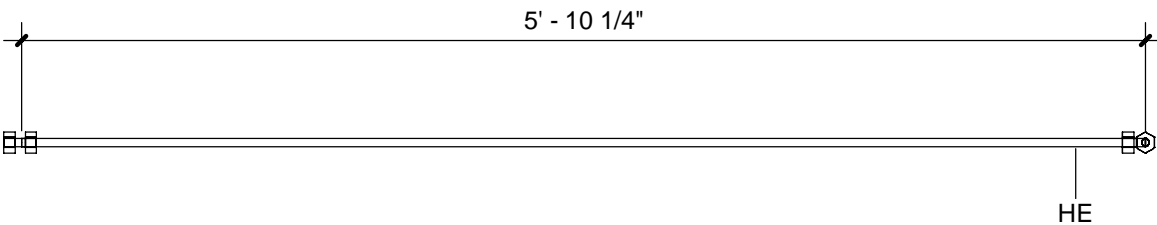
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314-997-6600 phone

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26-10-2021 10:33:27

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	5'-9 3/4"				
02	1	1/2"	Swagelok SS316 Compression Union Coupling					
03	1	1/2"	Swagelok SS316 Compression Union 90 Elbow					



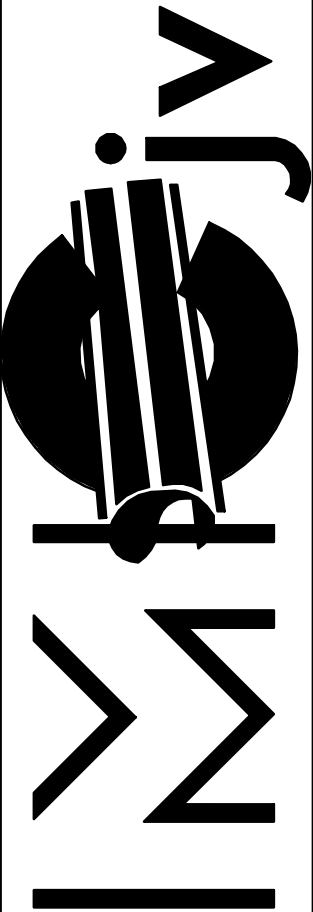
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

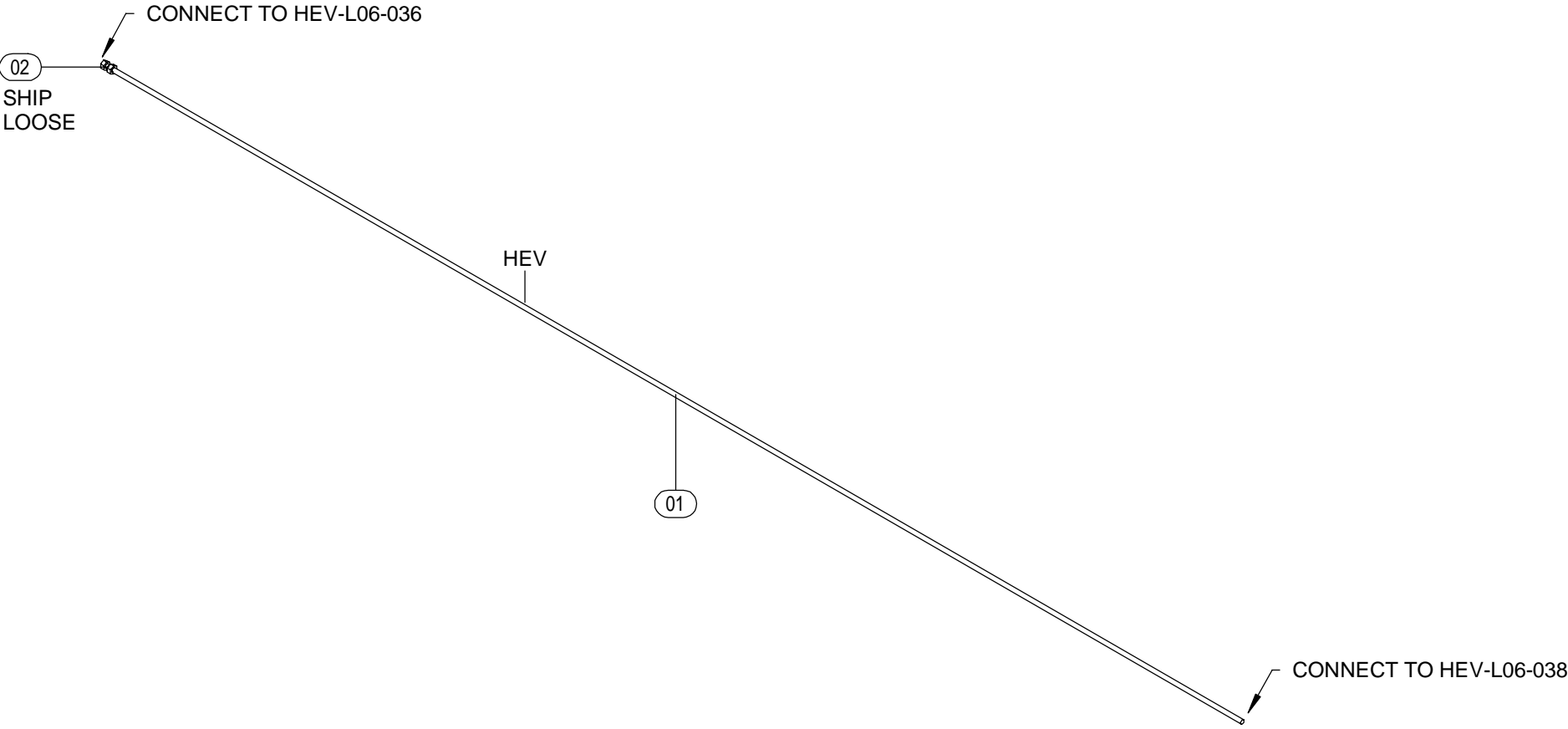
JOB: WASH U NRB
TICKET: HE-L06-037
Drawn By: Author
DATE: 10/26/21
DATE REQ:



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26-10-2021 09:31:36

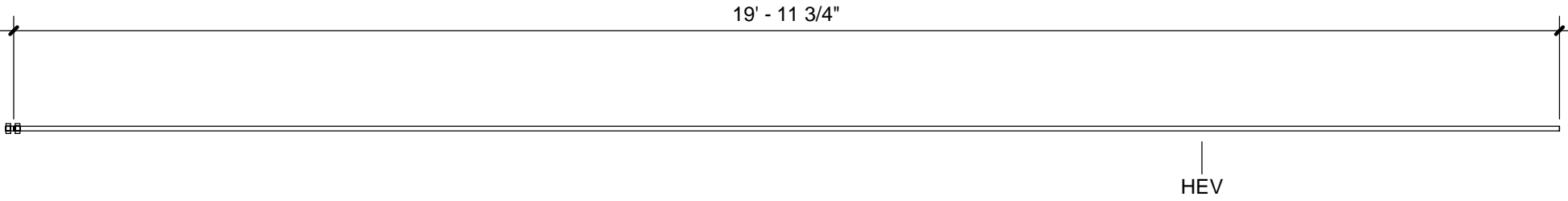
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	19'-11 13/16"				
02	1	3/4"	Swagelok SS316 Compression Union Coupling					



1

ISOMETRIC

SCALE:



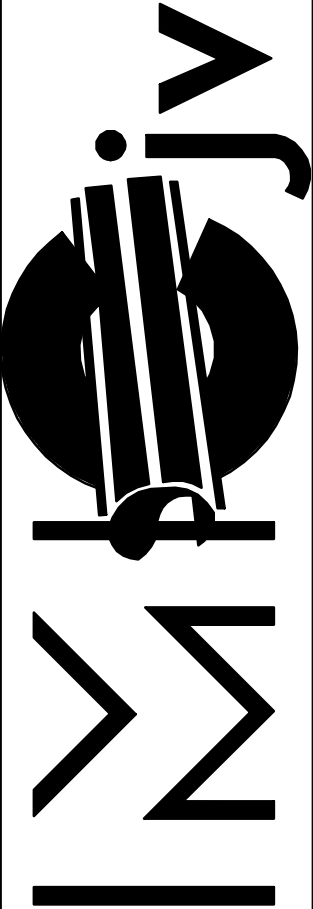
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

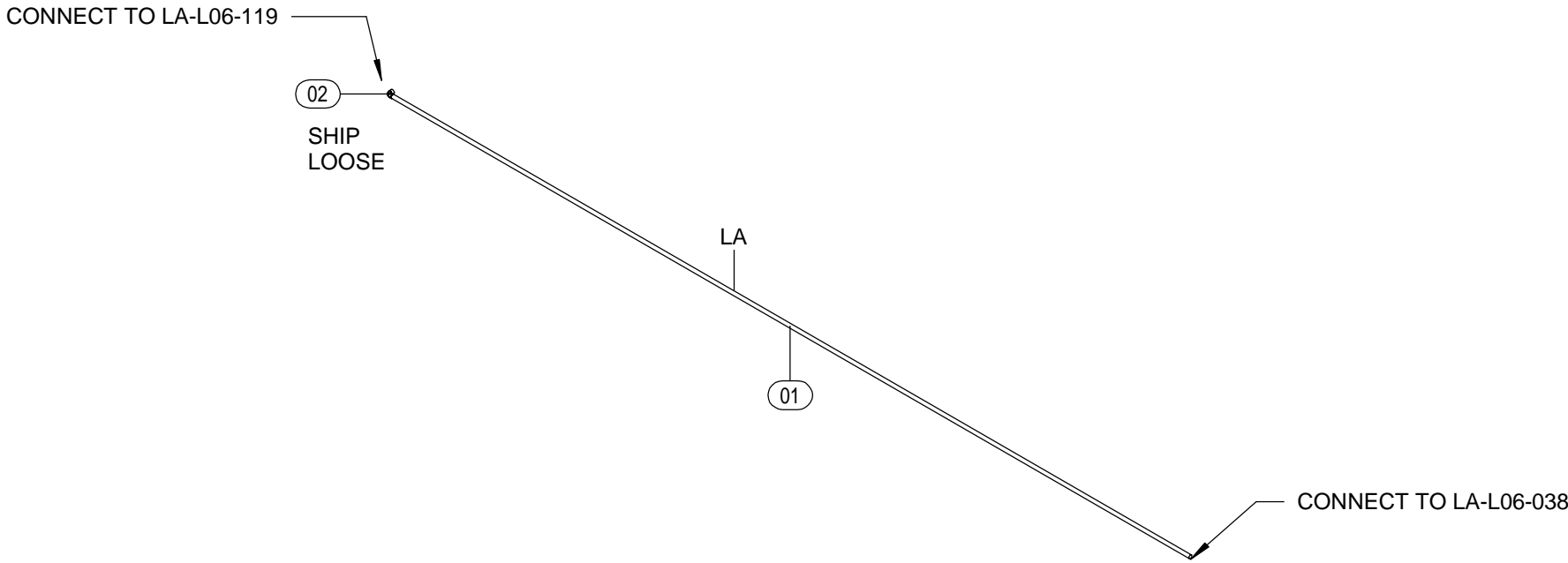
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TICKET:	HEV-L06-037
Drawn By: Author	
DATE: 10/26/21	DATE REQ:



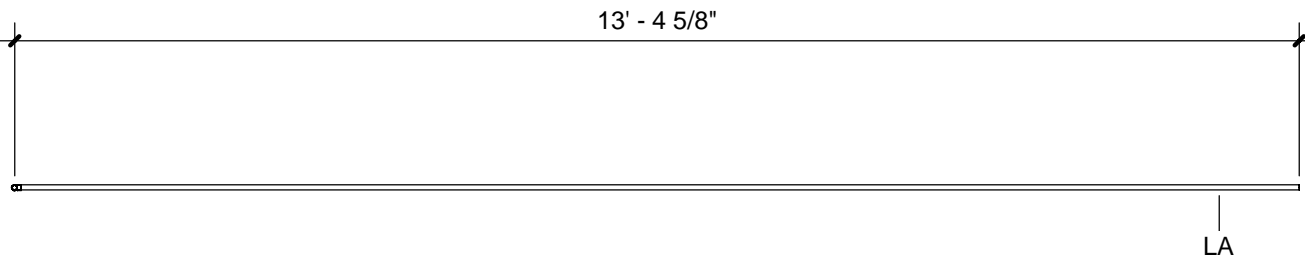
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St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360/WUSM NRBWUSM_RB_PUF.rvt
26-10-2021 11:03:38

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	13'-4 5/16"				
02	1	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					



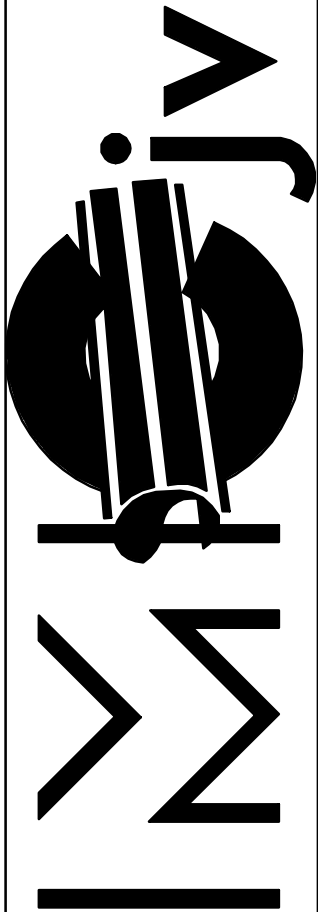
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

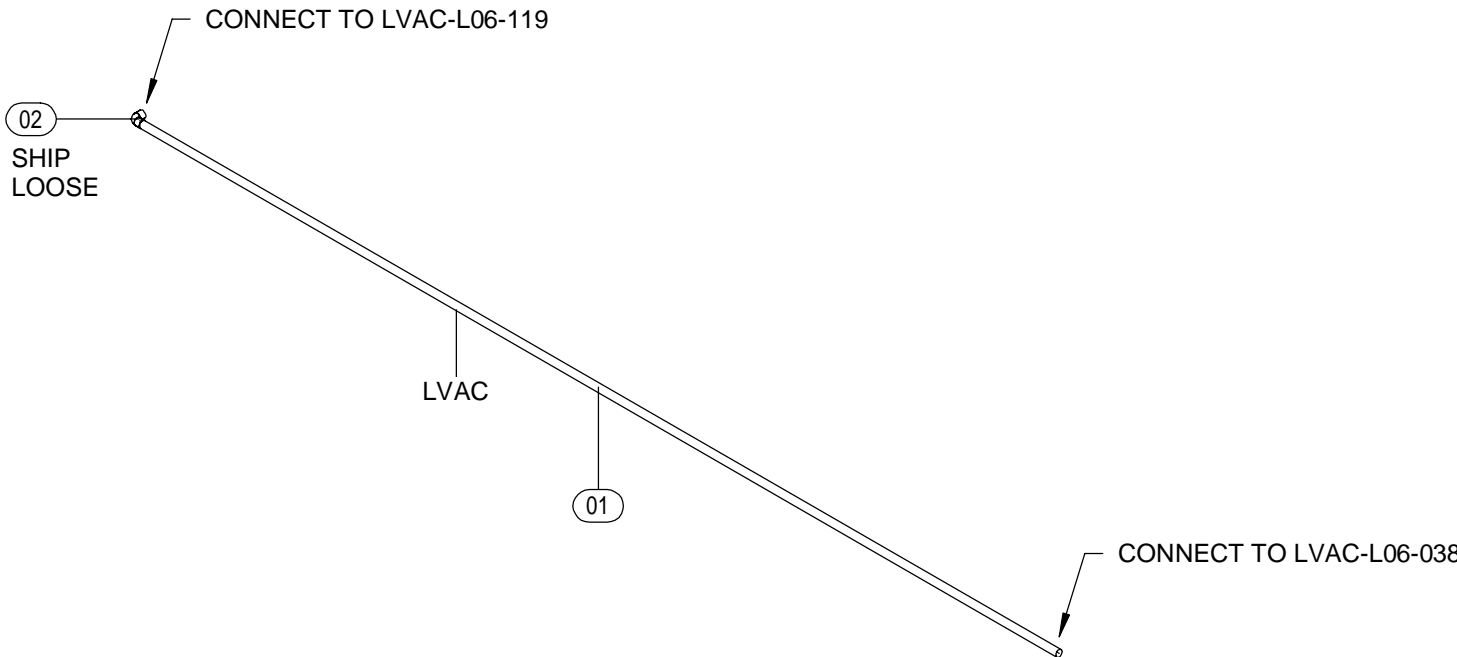
JOB: WASH U NRB
TICKET: LA-L06-037
Drawn By: Author
DATE: 10/26/21
DATE REQ:



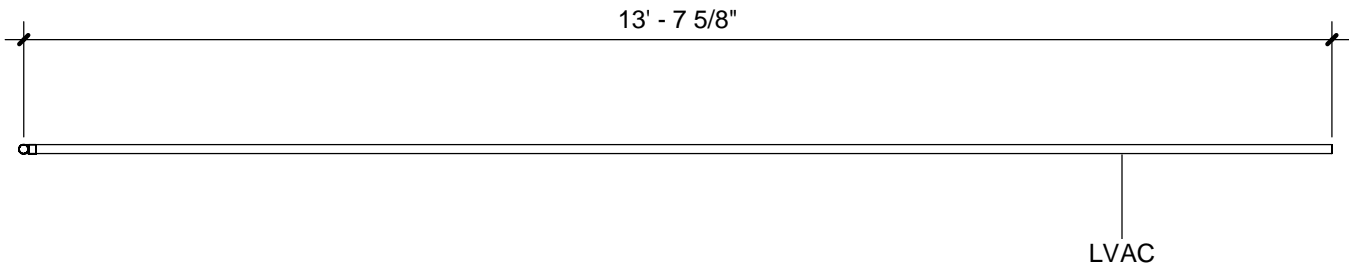
1233 N. Price Rd.
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26-10-2021 10:48:14

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1"	Cerro Type L Hard Copper - CFOS	13'-7"				
02	1	1"	Nibco 607-CB CFOS Wrot 90 Elbow					



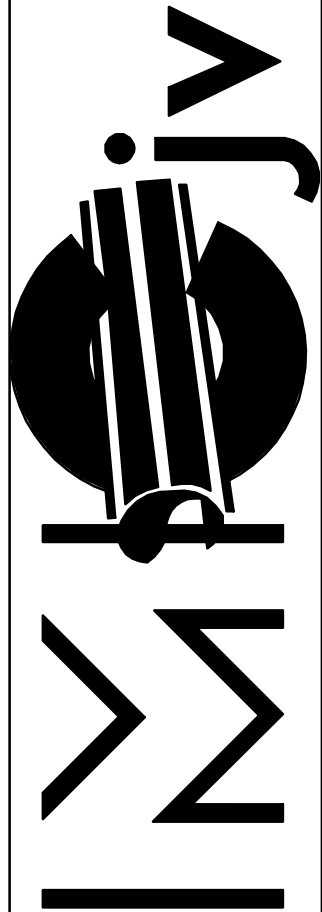
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

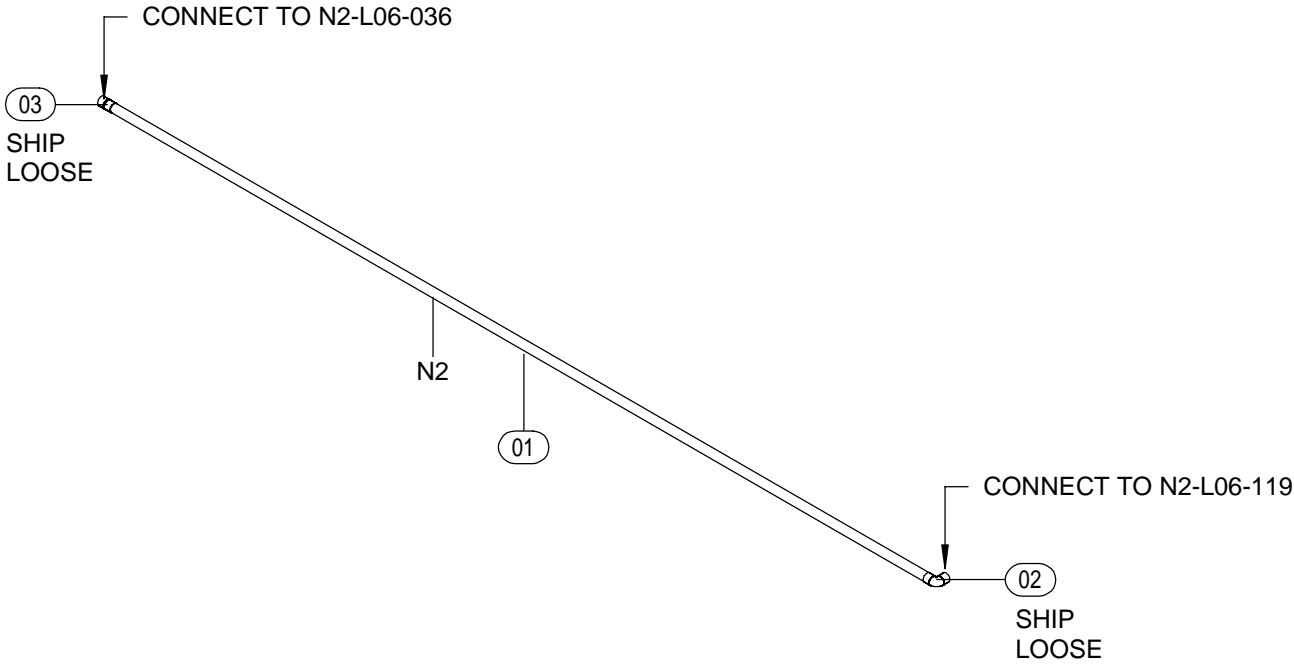
JOB:	WASH U NRB
TICKET:	LVAC-L06-037
Drawn By: Author	
DATE: 10/26/21	DATE REQ:



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BIM 360//WUSM NRBWUSM_RB_PUF.rvt
26-10-2021 10:08:18

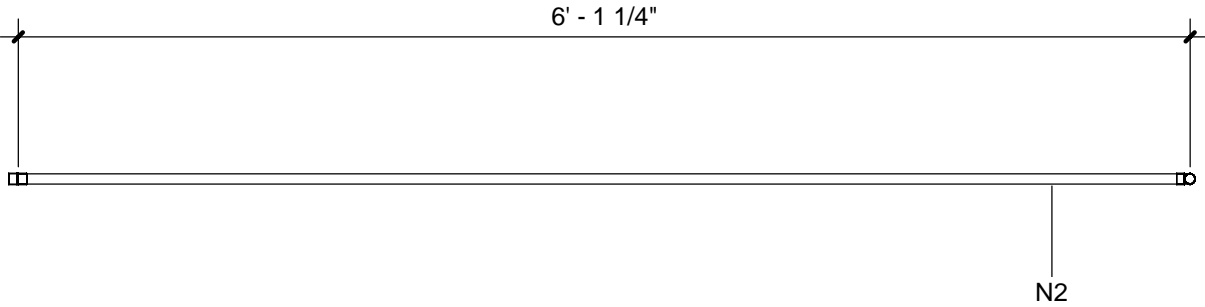
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	6'-0 15/16"				
02	1	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					
03	1	1/2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1

ISOMETRIC

SCALE:



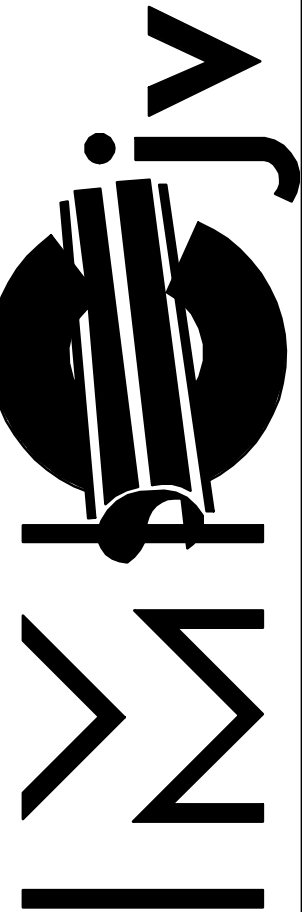
2

FRONT ELEVATION

SCALE: 1" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

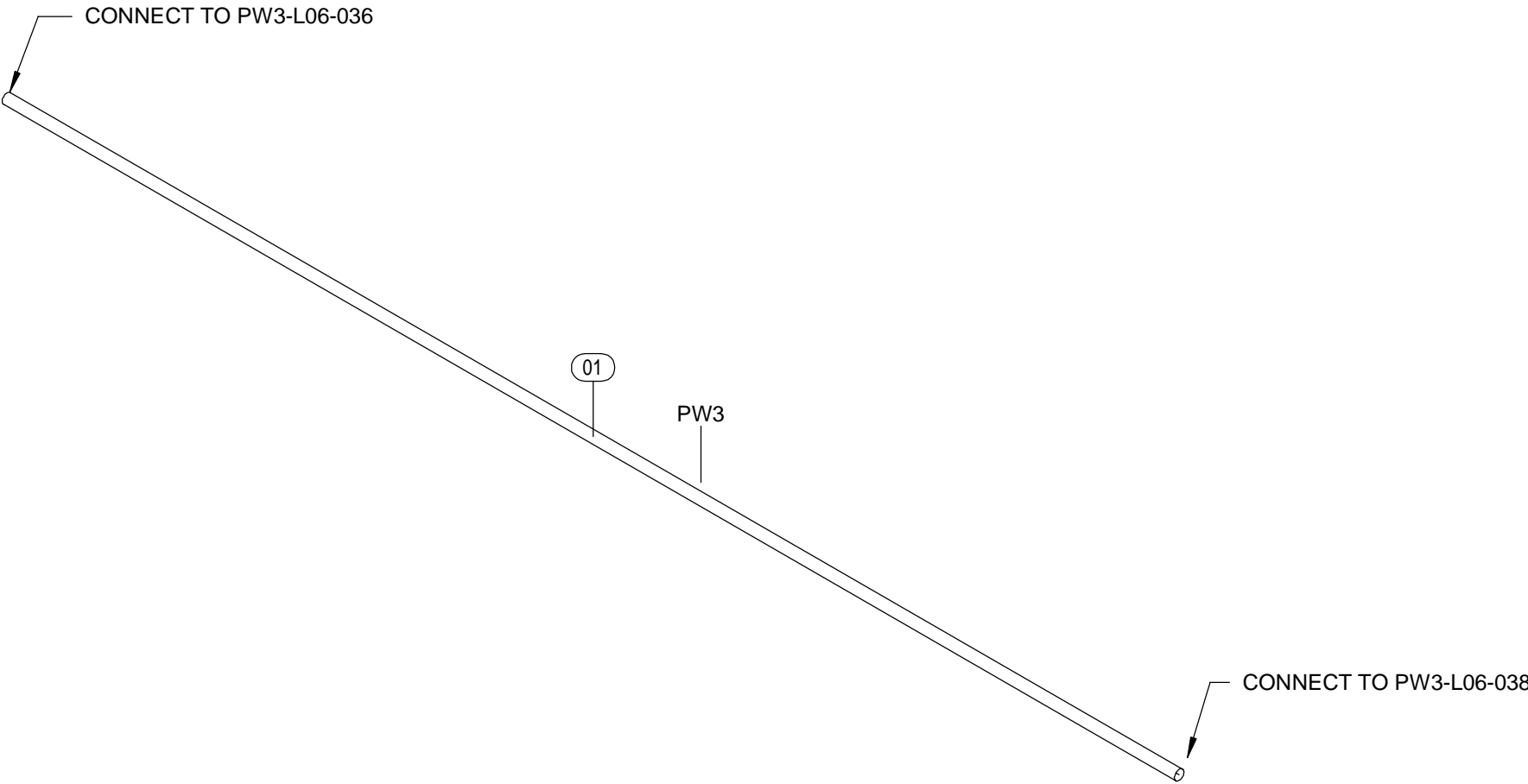
JOB:	WASH U NRB
TICKET:	N2-L06-037
Drawn By: Author	
DATE: 10/26/21	DATE REQ:



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

BIM 360//WUSM NRBWUSM_RB_PUF.rvt
26-10-2021 08:15:33

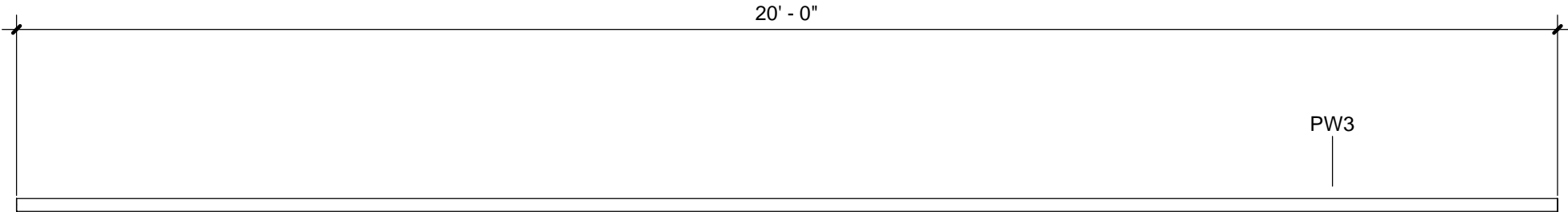
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	20'-0"				



1

ISOMETRIC

SCALE:



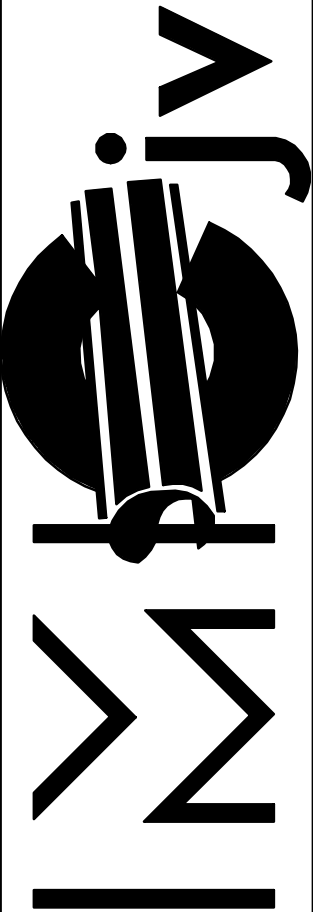
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

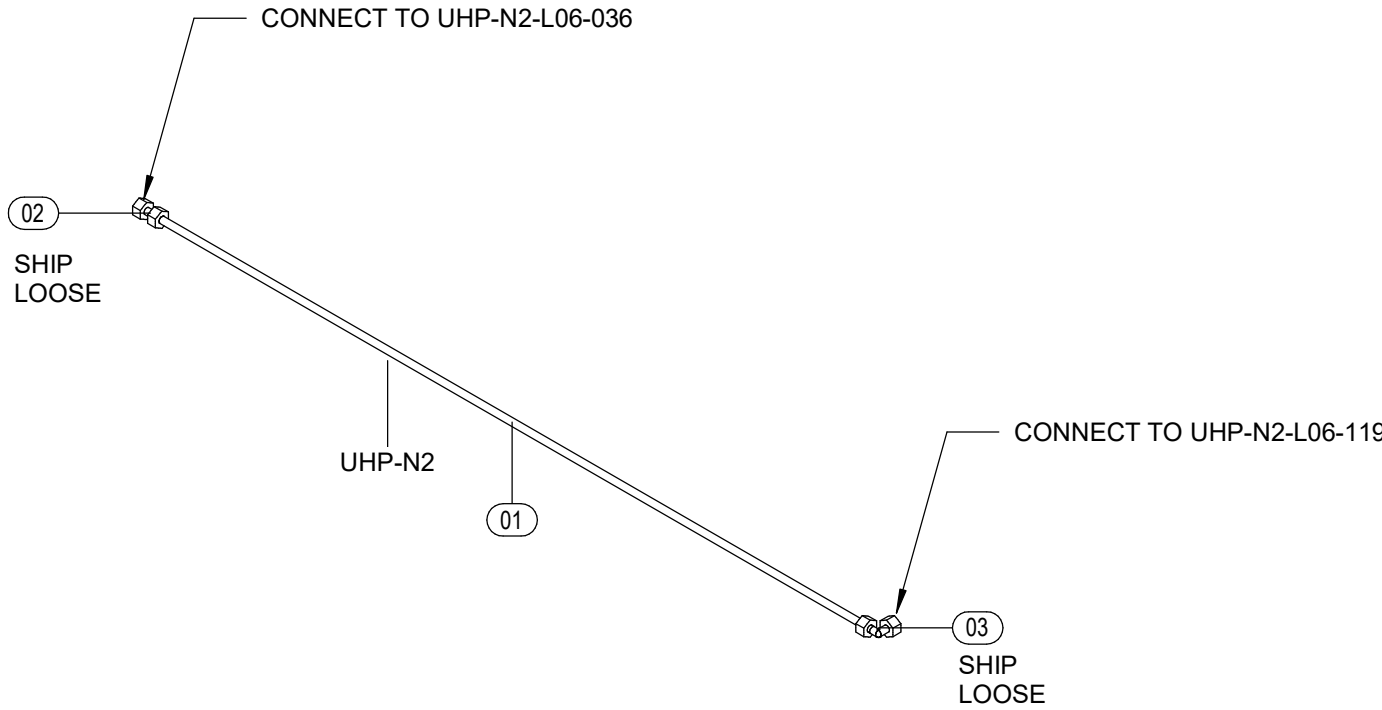
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TICKET:	PW3-L06-037
Drawn By:	Author
DATE:	10/26/21
DATE REQ:	



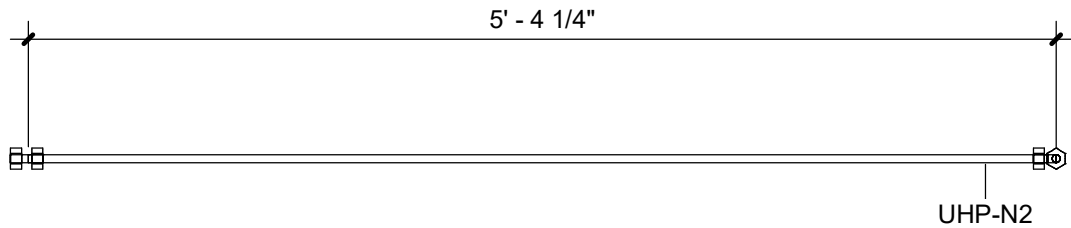
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10/26/2021 9:30:21 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	5'-3 3/4"				
02	1	1/2"	Swagelok SS316 Compression Union Coupling					
03	1	1/2"	Swagelok SS316 Compression Union 90 Elbow					



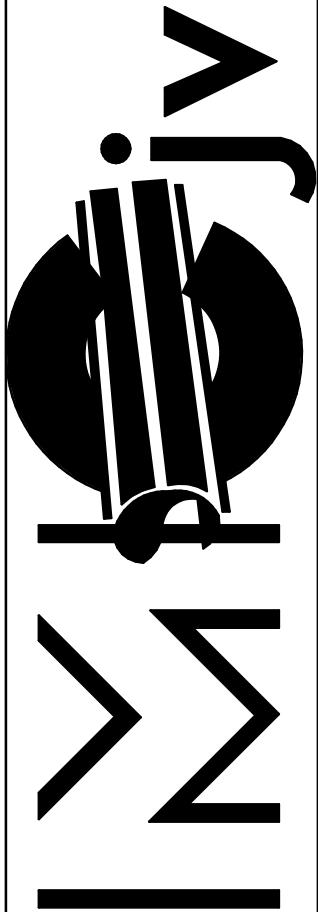
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	UHP-N2-L06-037
Drawn By: Author	
DATE: 10/26/21	DATE REQ:



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