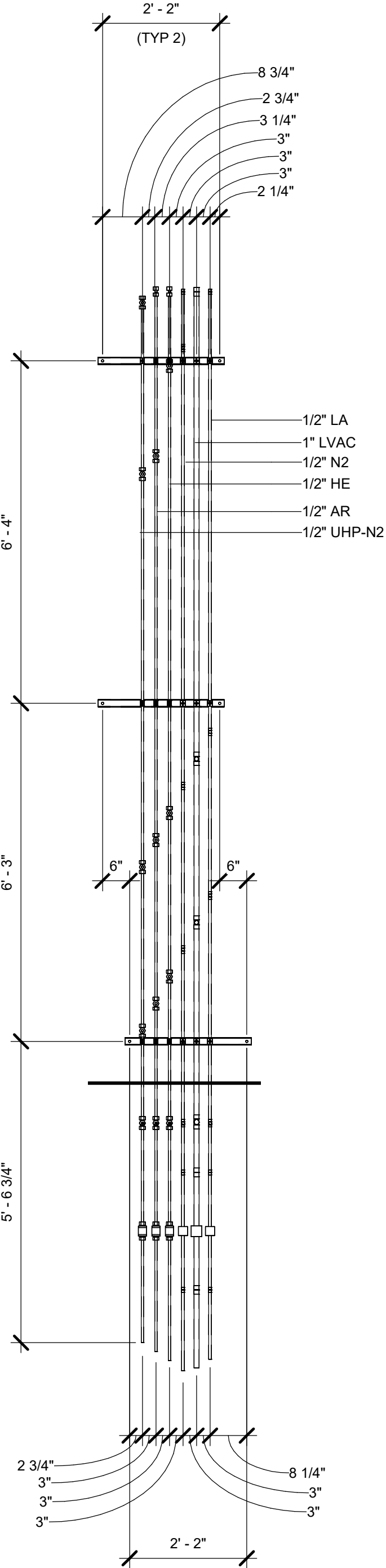
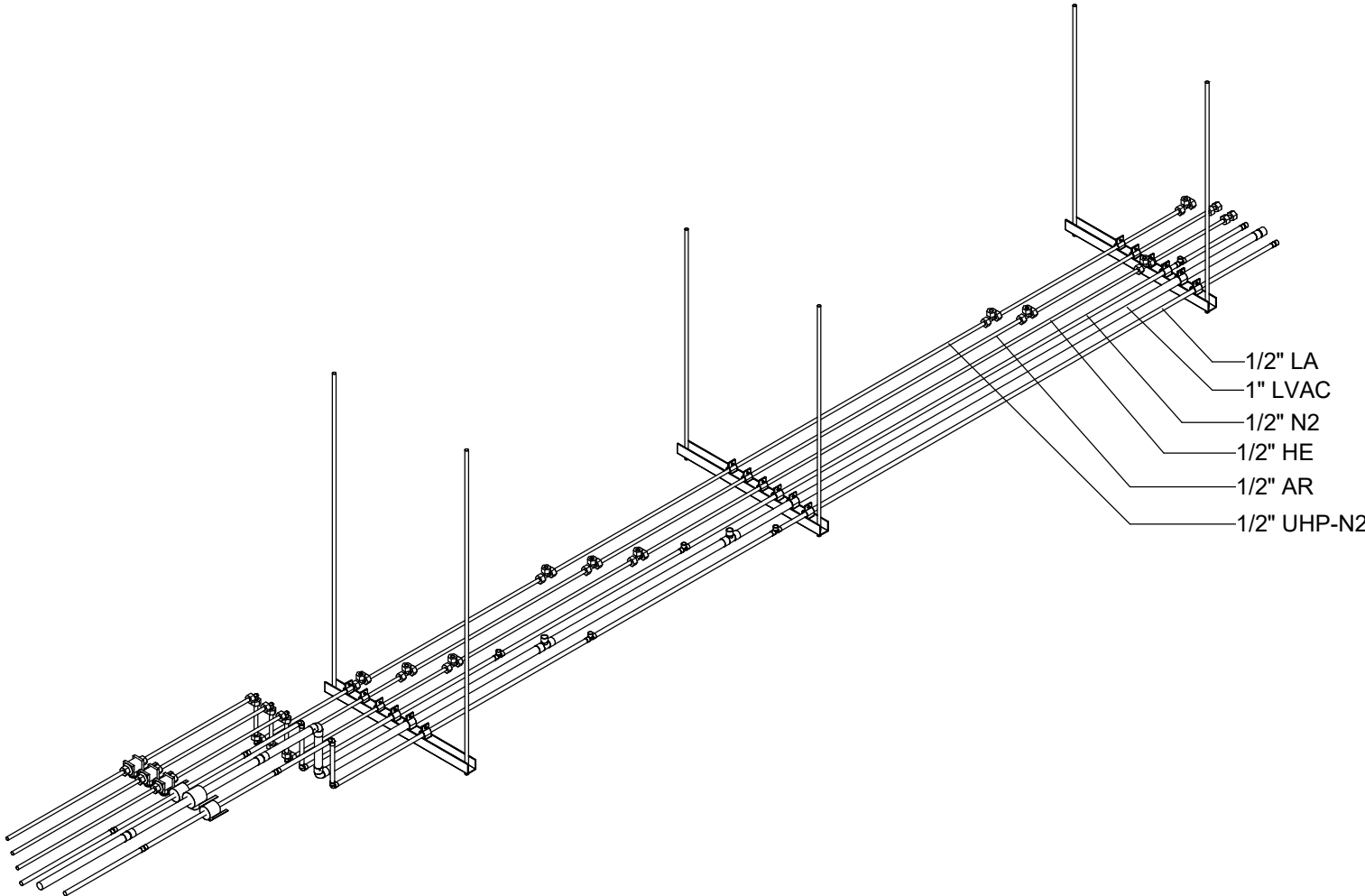


BIM 360//WUSM NRBWUSM\_RB\_SPOOLING MASTER.rvt  
11/5/2021 10:52:29 AM

CUT AND PACKAGE ONLY  
DO NOT ASSEMBLE

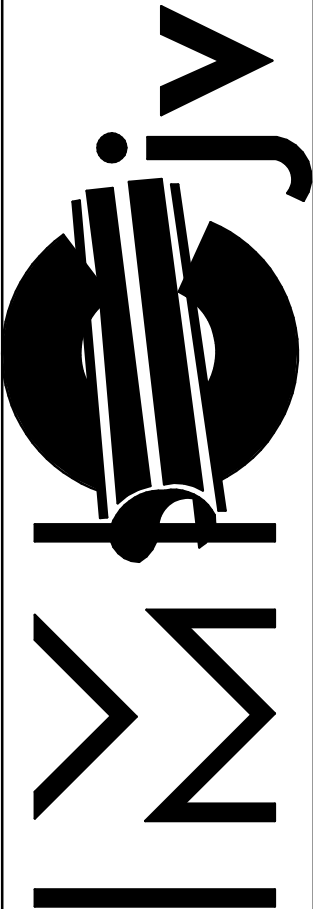


2 AS-L06-119 - ISOMETRIC  
AS-L06-119 SCALE:

1 AS-L06-119  
AS-L06-119 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

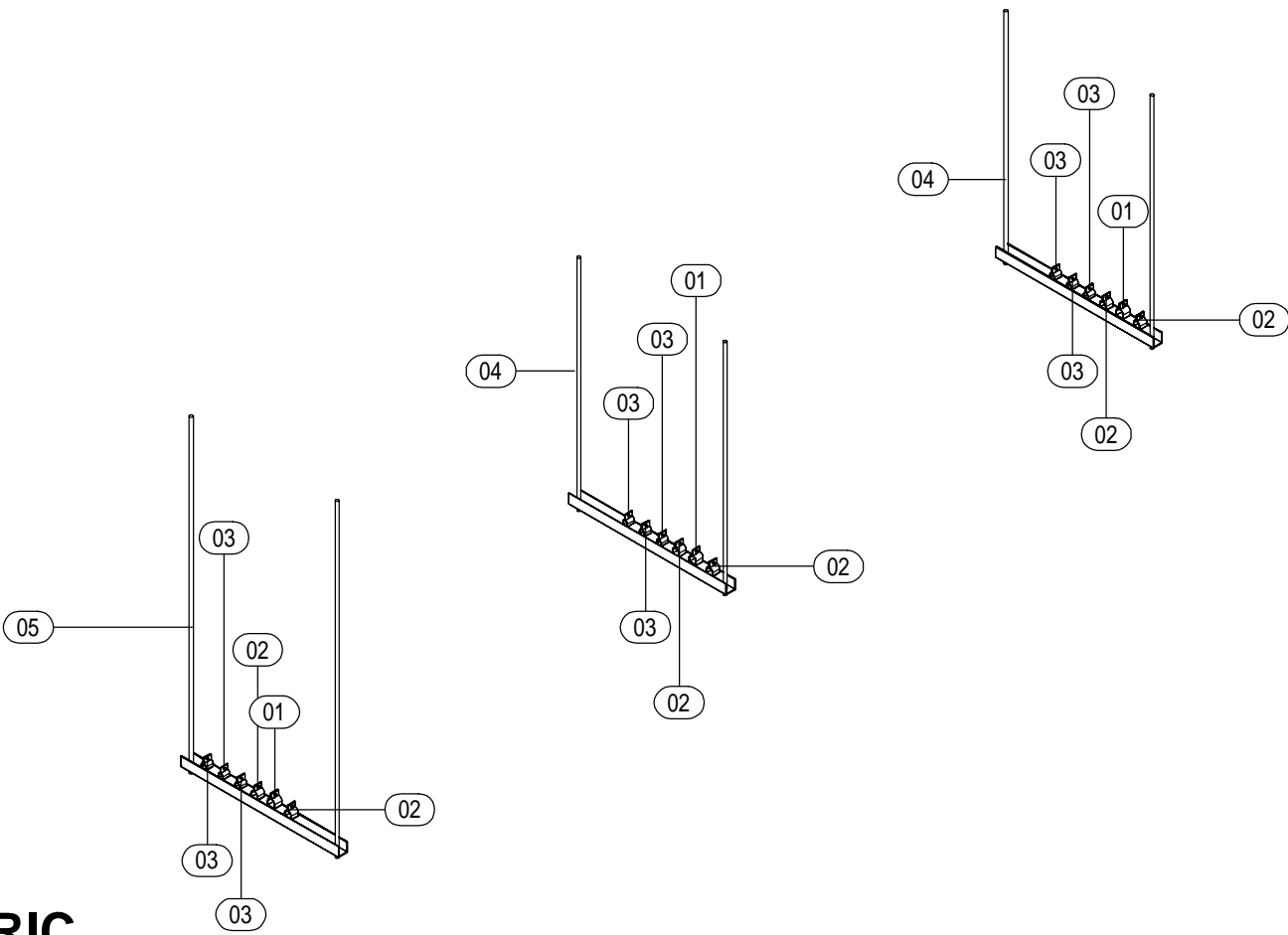
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TICKET: AS-L06-119  
Drawn By: Author  
DATE: 10/08/21  
DATE REQ:



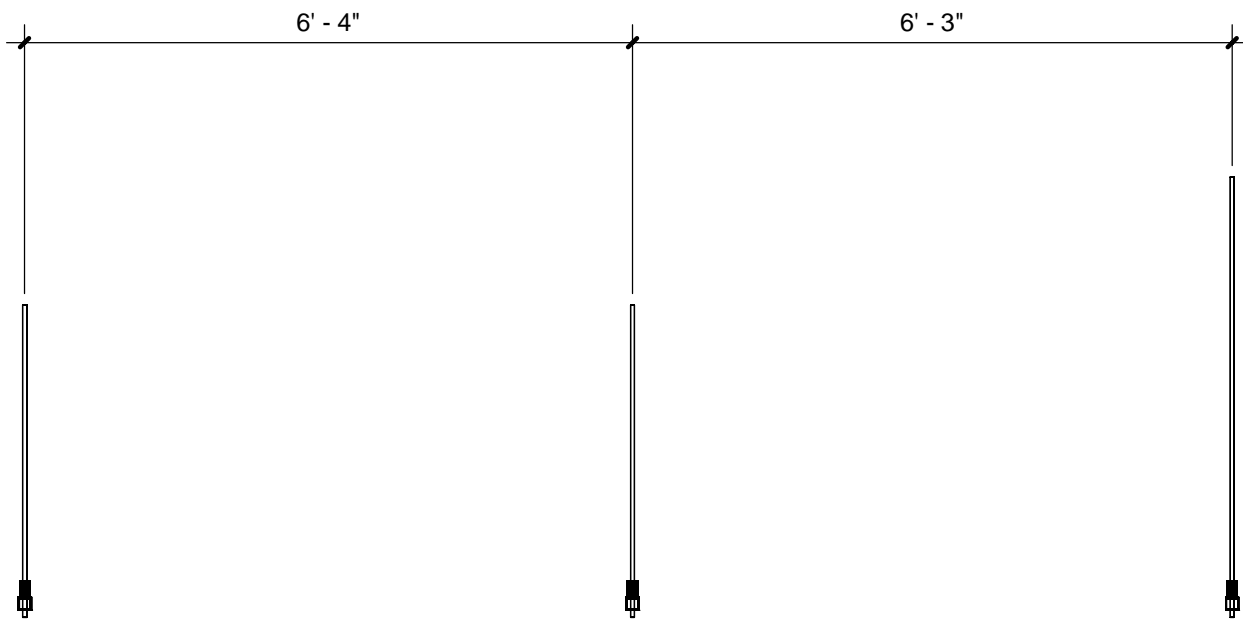
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
09-11-2021 19:18:52

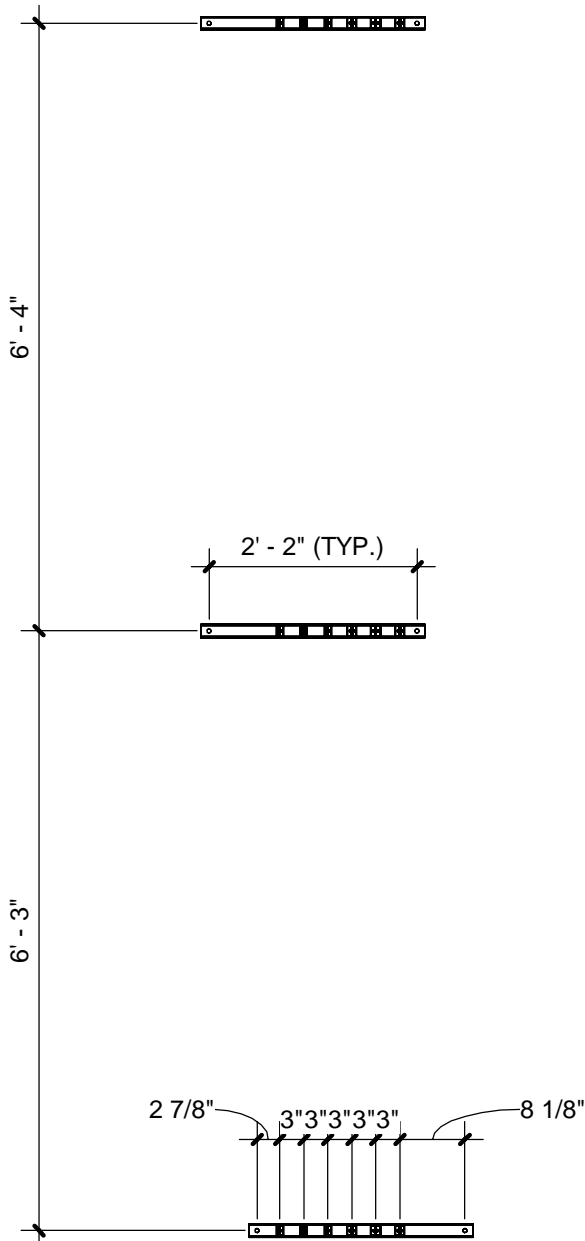
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	3	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
02	6	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
03	9	0.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
04	2	24"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut		2' - 4"	3' - 3"	3' - 3"	
05	1	24"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut		2' - 4"	4' - 7"	4' - 7"	



1 ISOMETRIC  
SCALE:



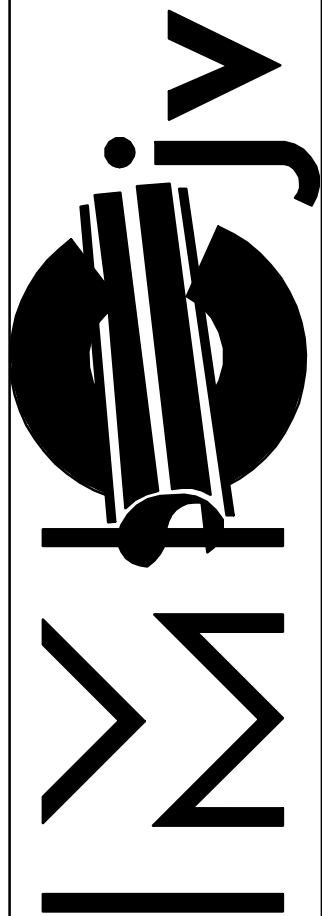
2 FRONT ELEVATION  
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

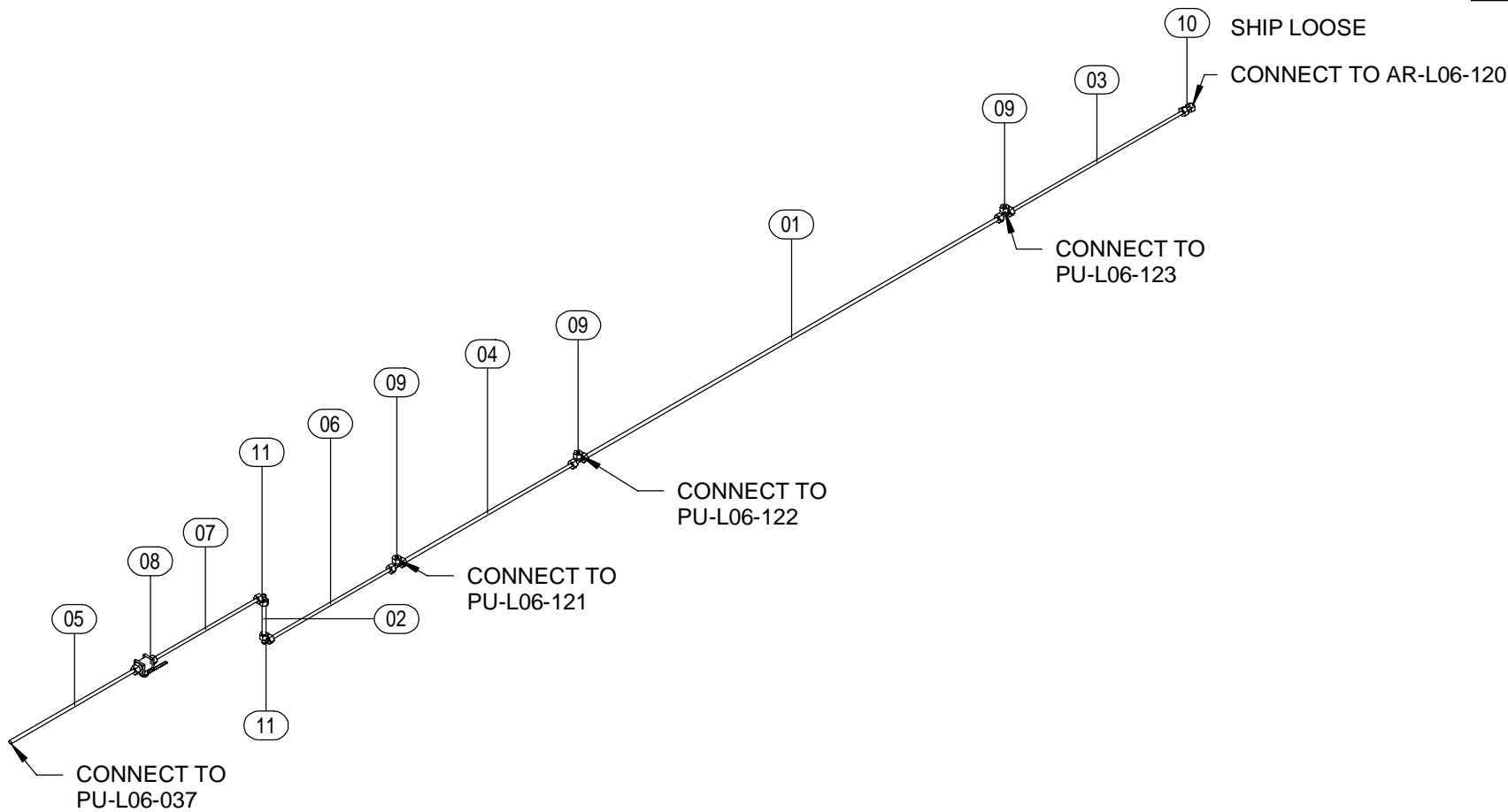
JOB: WASH U NRB  
TICKET: PUHGR-L06-119  
Drawn By: Author  
DATE: 11/09/21  
DATE REQ:



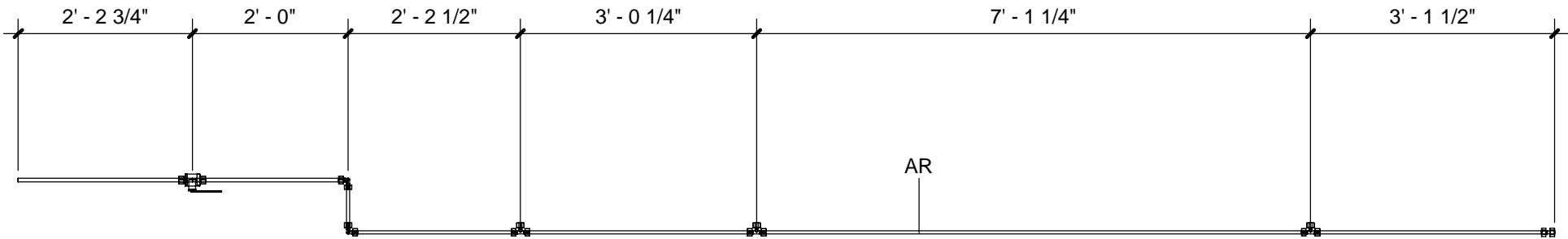
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
09-11-2021 19:35:33

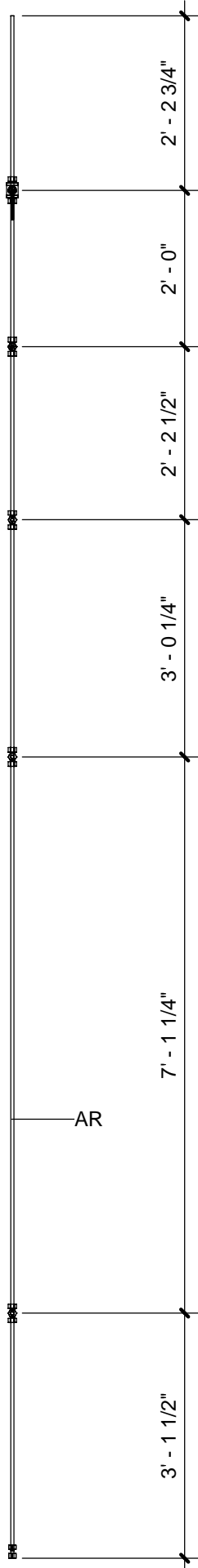
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	7'-0 3/16"				
02	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-7"				
03	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	2'-11 7/8"				
04	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	2'-11 1/4"				
05	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	2'-1 5/8"				
06	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	2'-1 1/2"				
07	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-10 5/16"				
08	1	1/2"	Swagelok Swagelok Series 60 SS316 3pc Ball Valve CMP					
09	3	1/2"	Swagelok SS316 Compression Union Tee					
10	1	1/2"	Swagelok SS316 Compression Union Coupling					
11	2	1/2"	Swagelok SS316 Compression Union 90 Elbow					



1 ISOMETRIC  
SCALE:



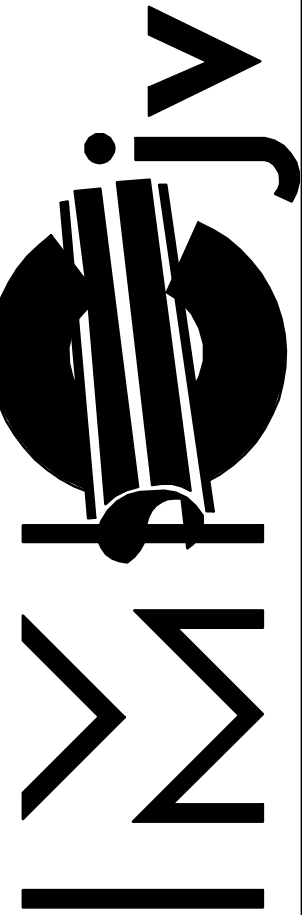
2 FRONT ELEVATION  
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

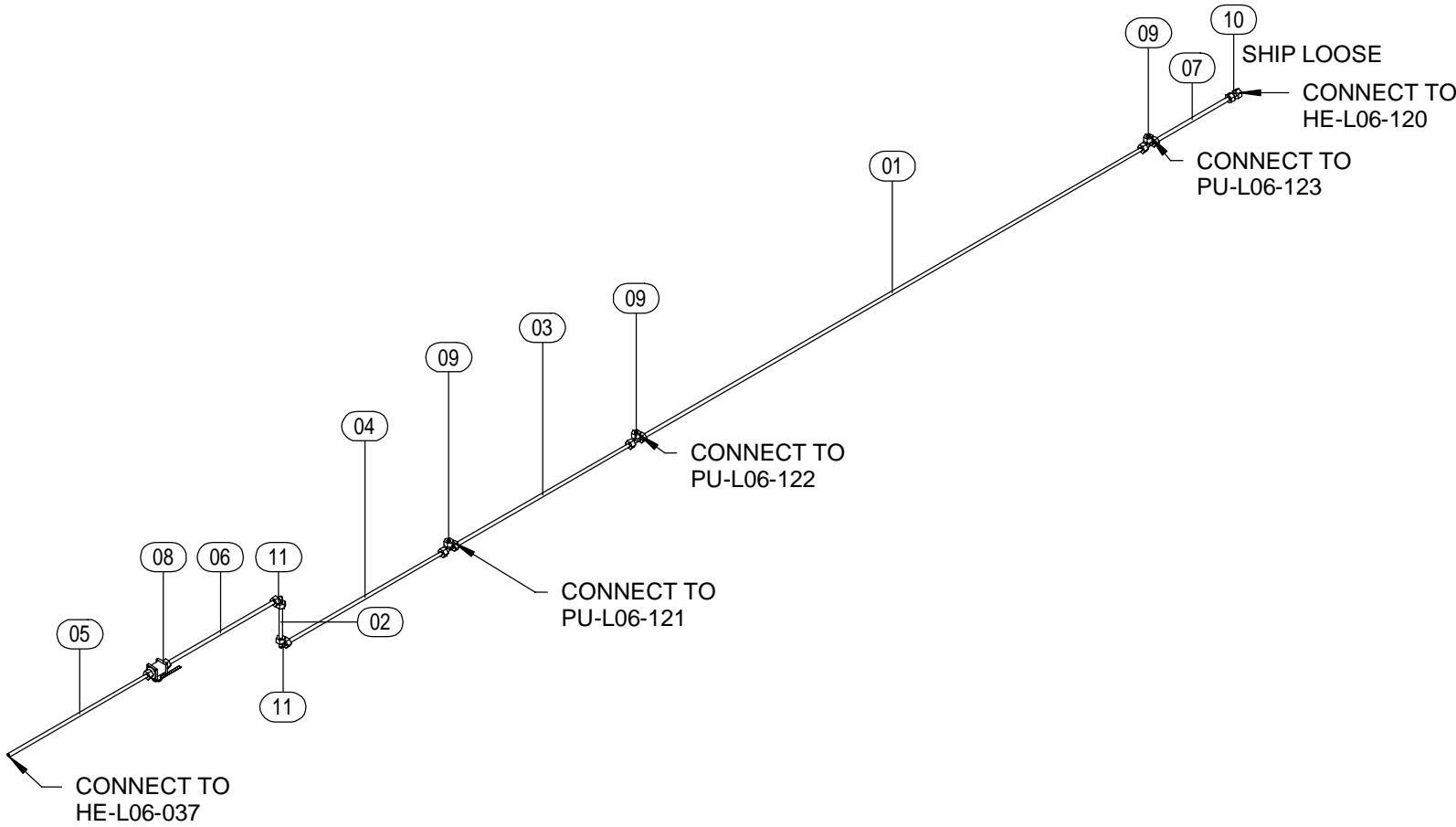
JOB:	WASH U NRB
TICKET:	AR-L06-119
Drawn By:	Author
DATE:	11/09/21
DATE REQ:	



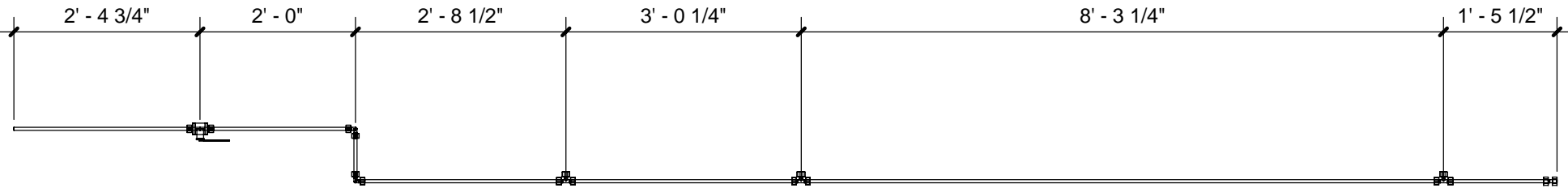
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
09-11-2021 19:43:56

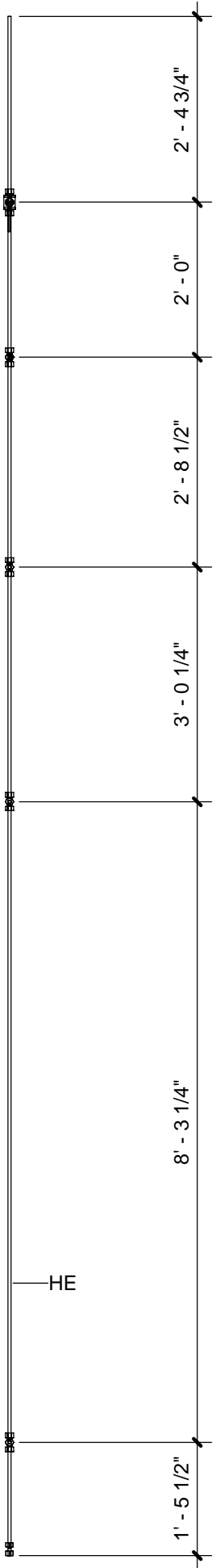
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	8'-2 3/16"				
02	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-7"				
03	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	2'-11 1/4"				
04	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	2'-7 1/2"				
05	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	2'-3 5/8"				
06	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-10 5/16"				
07	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-3 7/8"				
08	1	1/2"	Swagelok Swagelok Series 60 SS316 3pc Ball Valve CMP					
09	3	1/2"	Swagelok SS316 Compression Union Tee					
10	1	1/2"	Swagelok SS316 Compression Union Coupling					
11	2	1/2"	Swagelok SS316 Compression Union 90 Elbow					



1 ISOMETRIC  
SCALE:



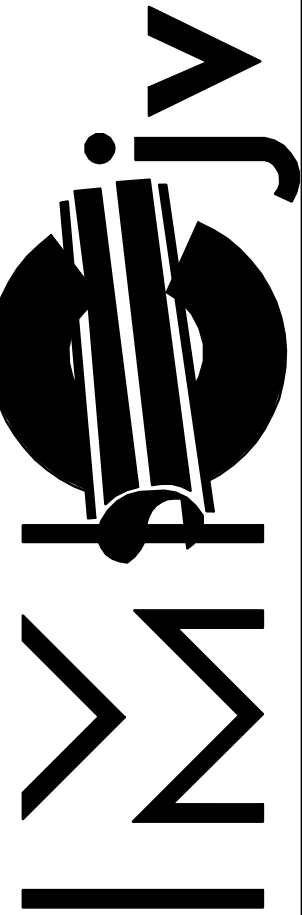
2 FRONT ELEVATION  
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

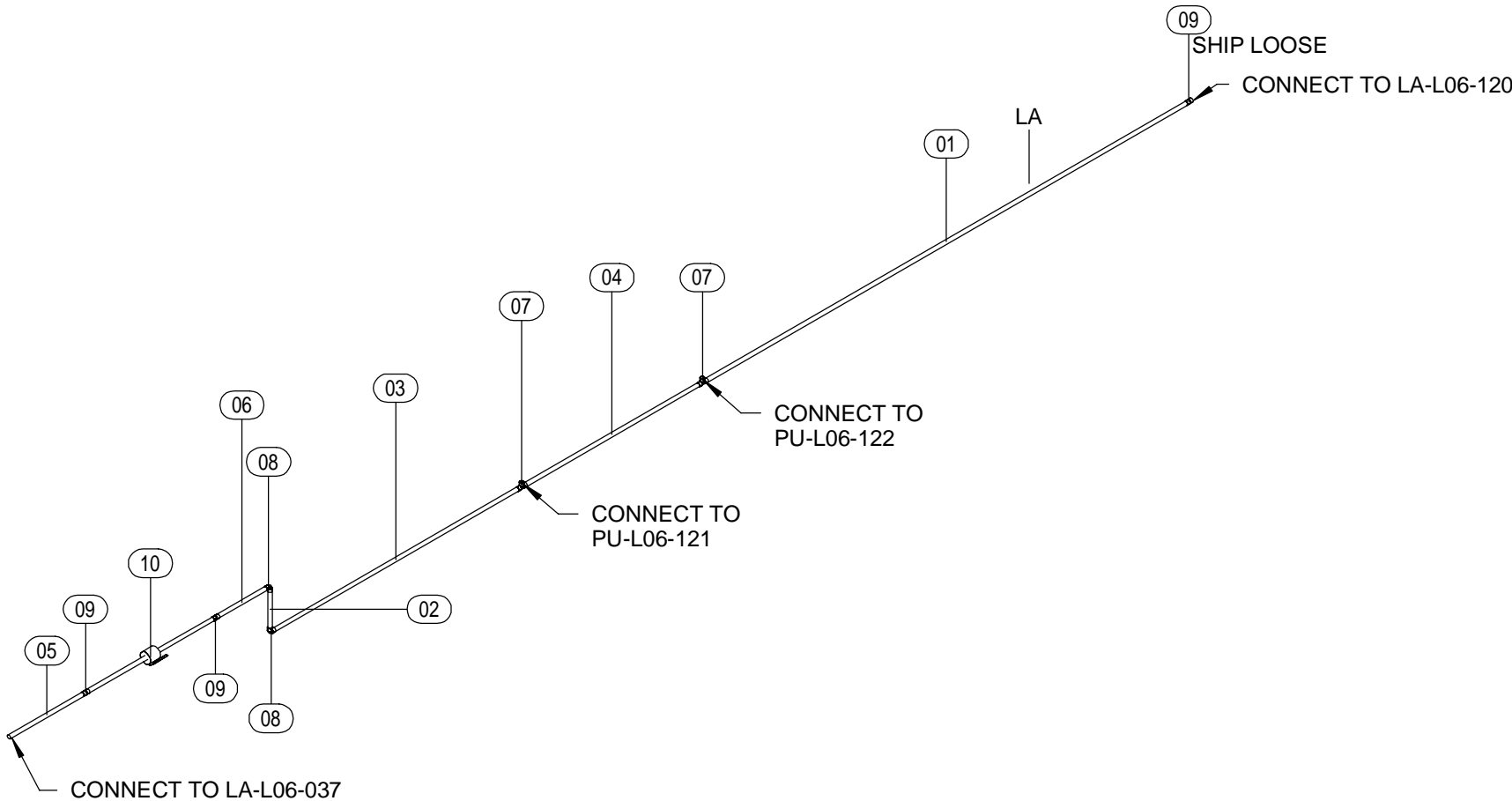
JOB: WASH U NRB  
TICKET: HE-L06-119  
Drawn By: Author  
DATE: 11/09/21  
DATE REQ:



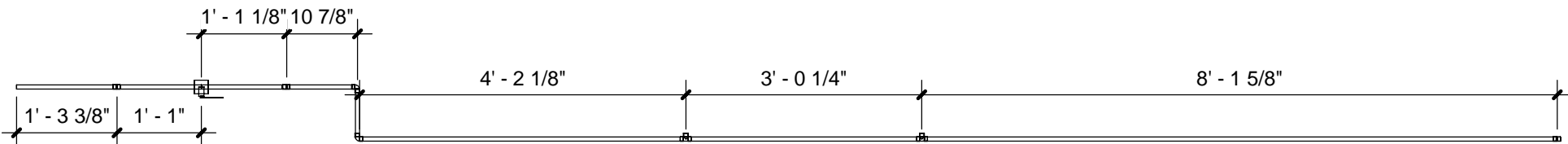
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
09-11-2021 20:02:35

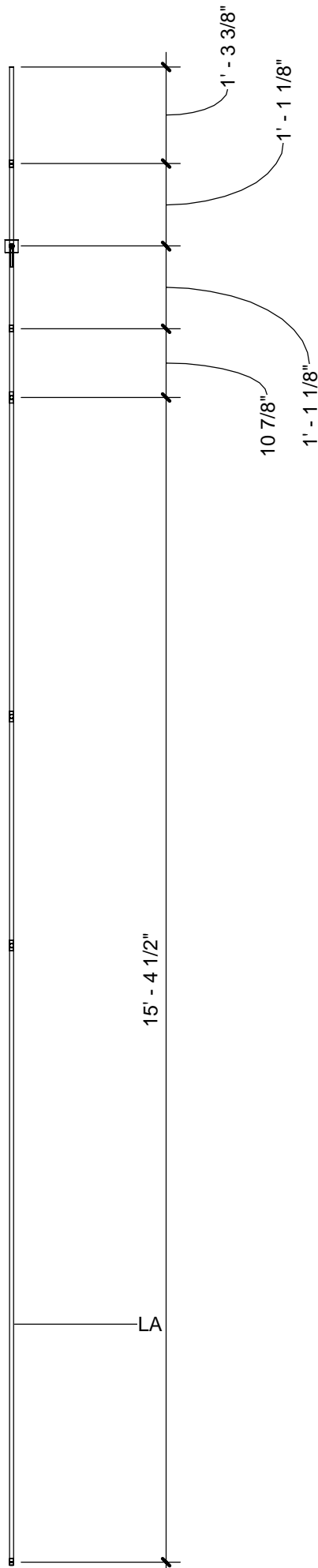
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	8'-1 1/4"				
02	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-7 5/16"				
03	1	1/2"	Cerro Type L Hard Copper - CFOS	4'-1 13/16"				
04	1	1/2"	Cerro Type L Hard Copper - CFOS	2'-11 5/8"				
05	1	1/2"	Cerro Type L Hard Copper - CFOS	1'-3 5/16"				
06	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-10 1/2"				
07	2	1/2"	Nibco 611-CB CFOS Wrot Copper Tee					
08	2	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					
09	3	1/2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					
10	1	1/2"	Beacon Medaes SSB-820-10 Brz 3pc Dual FP Shut-Off wLk Lvr Valve					



1 ISOMETRIC  
SCALE:



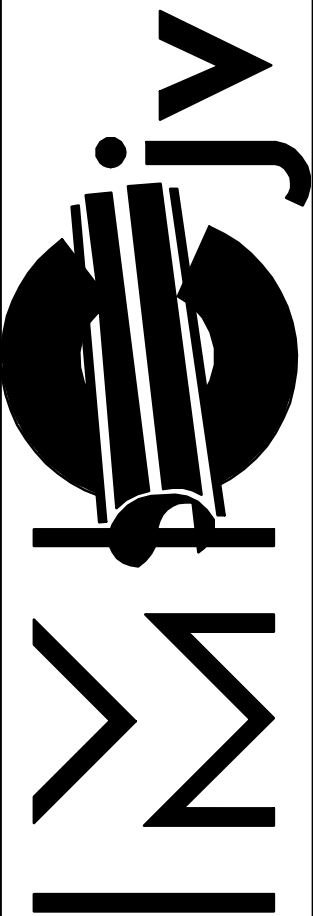
2 FRONT ELEVATION  
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

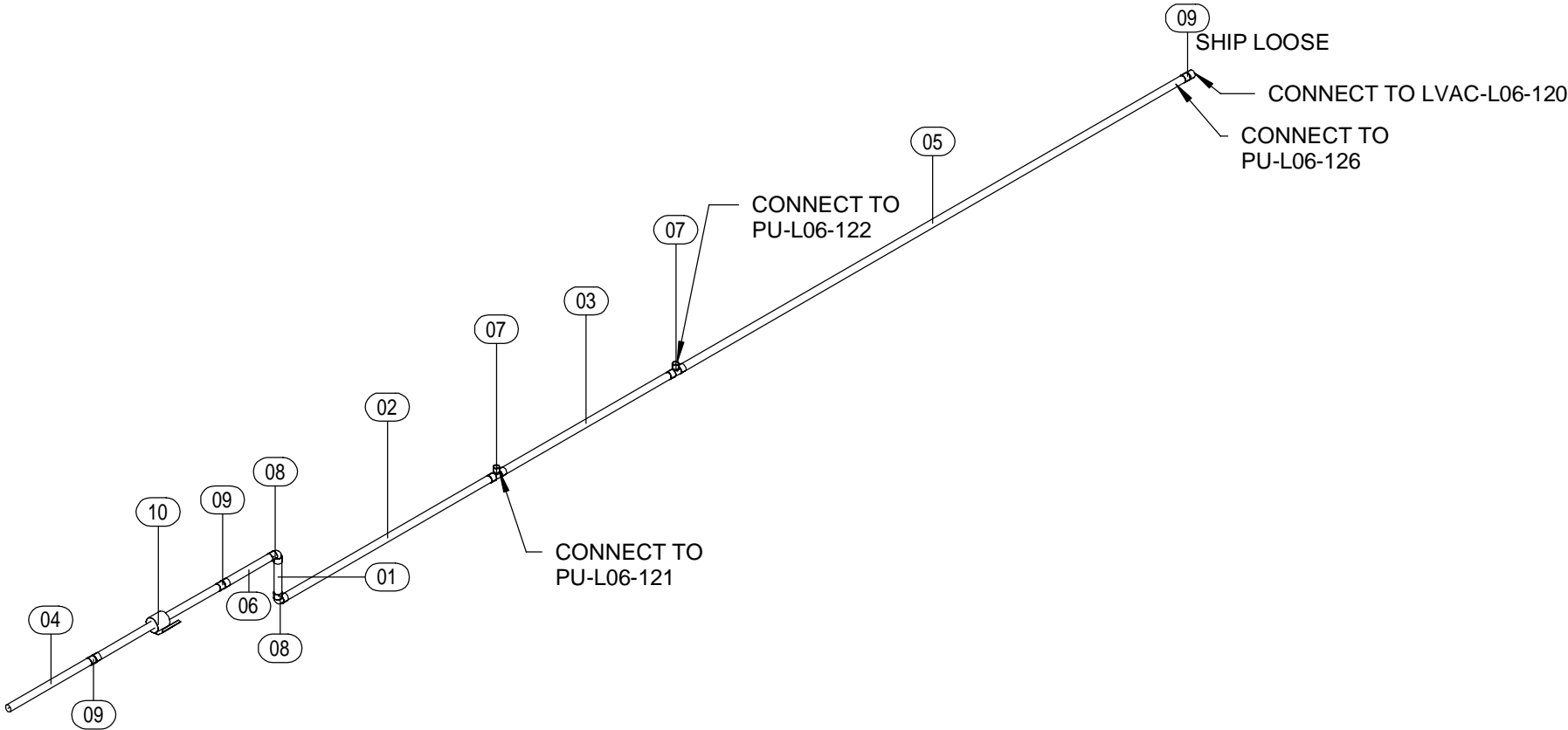
JOB: WASH U NRB  
TICKET: LA-L06-119  
Drawn By: Author  
DATE: 11/09/21  
DATE REQ:



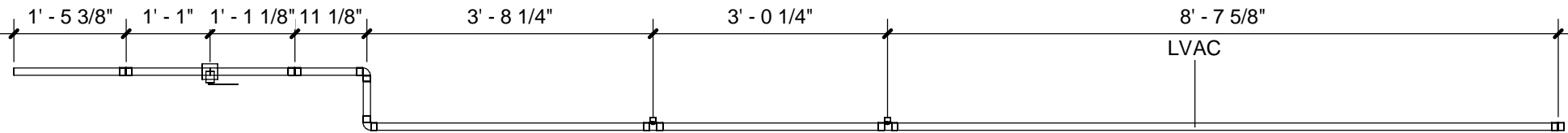
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
09-11-2021 19:53:19

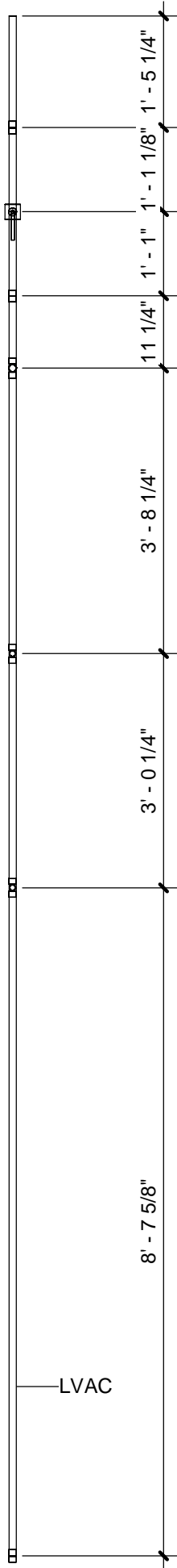
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1"	Cerro Type L Hard Copper - CFOS	0'-7 3/16"				
02	1	1"	Cerro Type L Hard Copper - CFOS	3'-7 1/16"				
03	1	1"	Cerro Type L Hard Copper - CFOS	2'-11 3/16"				
04	1	1"	Cerro Type L Hard Copper - CFOS	1'-5 1/4"				
05	1	1"	Cerro Type L Hard Copper - CFOS	8'-7"				
06	1	1"	Cerro Type L Hard Copper - CFOS	0'-10 1/2"				
07	2	1"x3/4"x1"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
08	2	1"	Nibco 607-CB CFOS Wrot 90 Elbow					
09	3	1"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					
10	1	1"	Beacon Medaes SSB-820-10 Brz 3pc Dual FP Shut-Off wLk Lvr Valve					



1 ISOMETRIC  
SCALE:



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



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

A1	A3	B1	B3
A2	A4	B2	B4

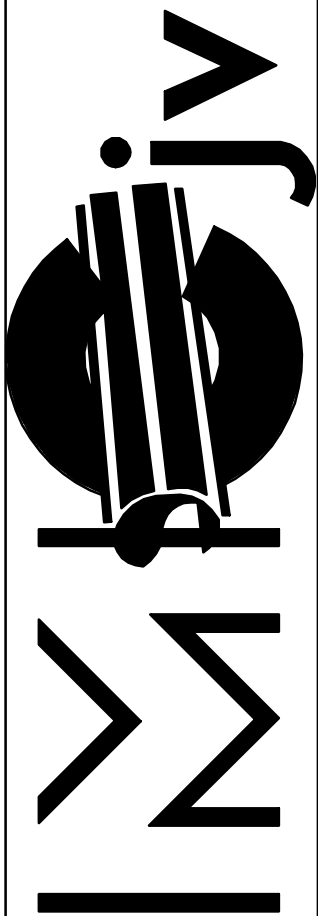
JOB: WASH U NRB

TICKET: LVAC-L06-119

Drawn By: Author

DATE: 11/09/21

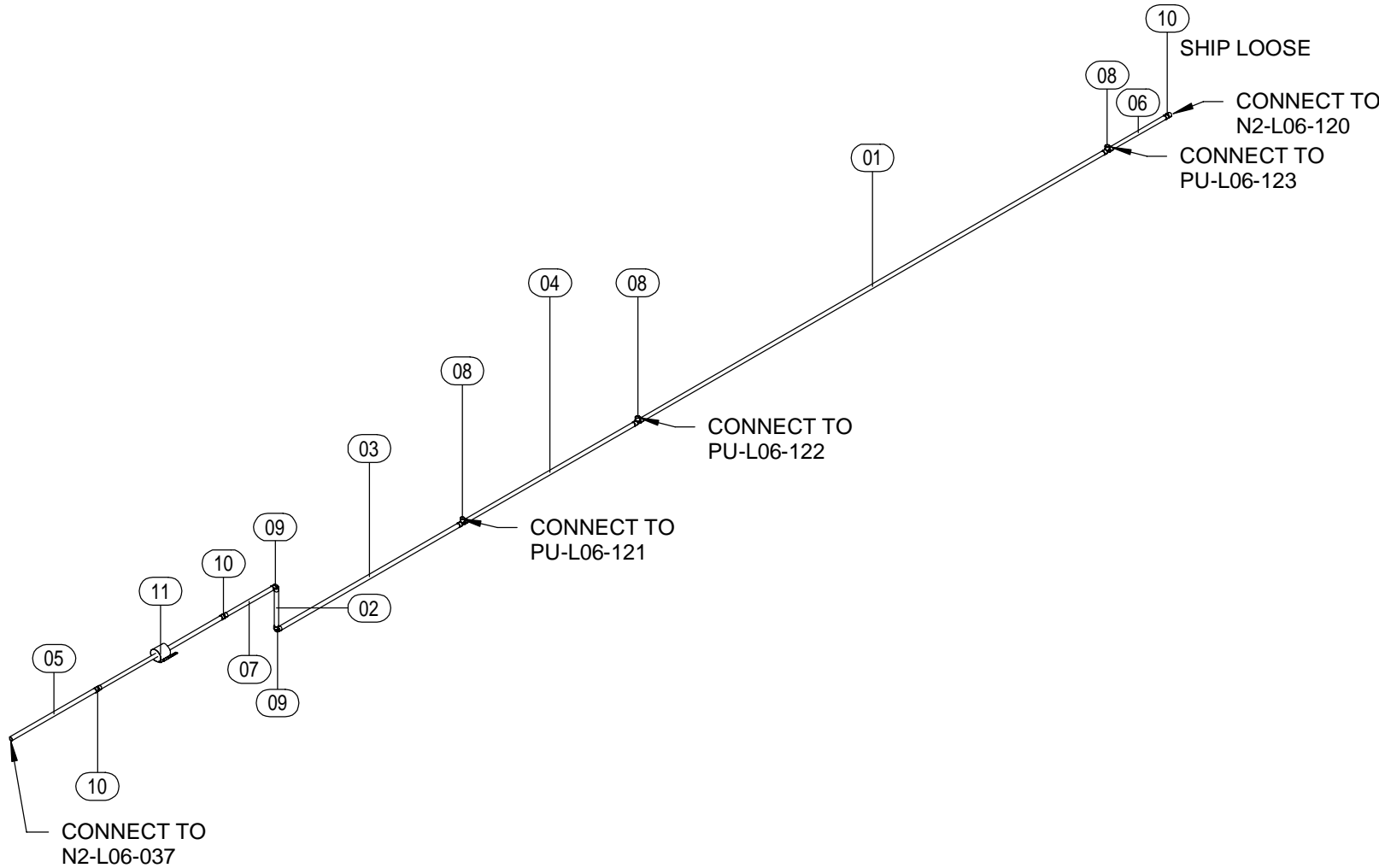
DATE REQ:



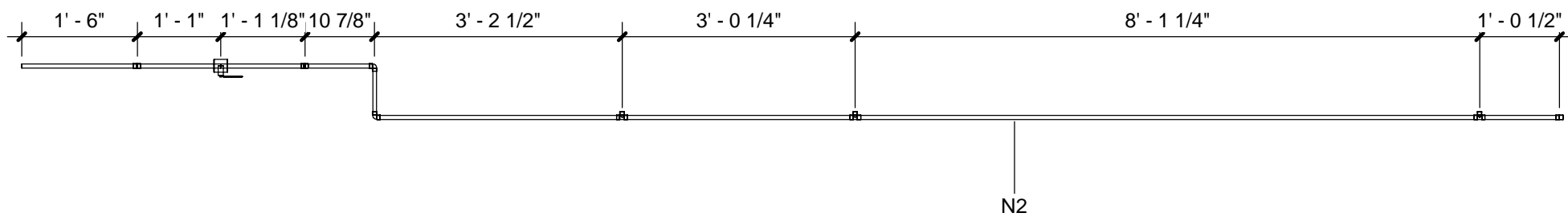
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
09-11-2021 20:14:35

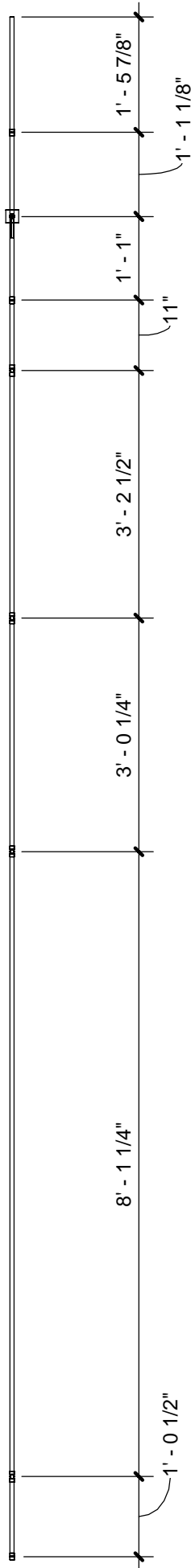
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	8'-0 1/2"				
02	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-7 5/16"				
03	1	1/2"	Cerro Type L Hard Copper - CFOS	3'-1 13/16"				
04	1	1/2"	Cerro Type L Hard Copper - CFOS	2'-11 5/8"				
05	1	1/2"	Cerro Type L Hard Copper - CFOS	1'-5 7/8"				
06	1	1/2"	Cerro Type L Hard Copper - CFOS	1'-0 1/16"				
07	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-10 1/2"				
08	3	1/2"	Nibco 611-CB CFOS Wrot Copper Tee					
09	2	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					
10	3	1/2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					
11	1	1/2"	Beacon Medaes SSB-820-10 Brz 3pc Dual FP Shut-Off wLk Lvr Valve					



1 ISOMETRIC  
SCALE:



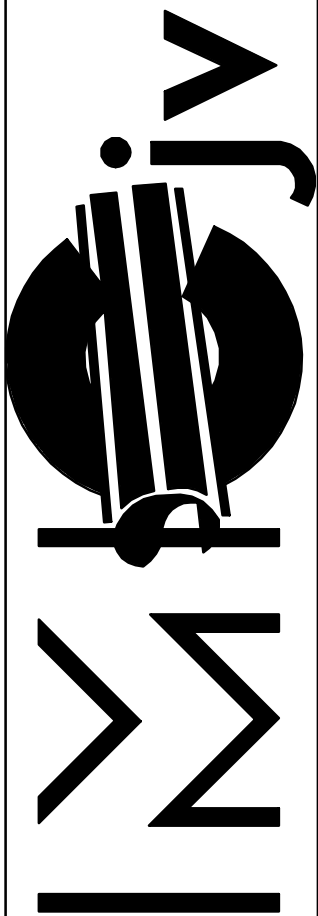
2 FRONT ELEVATION  
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

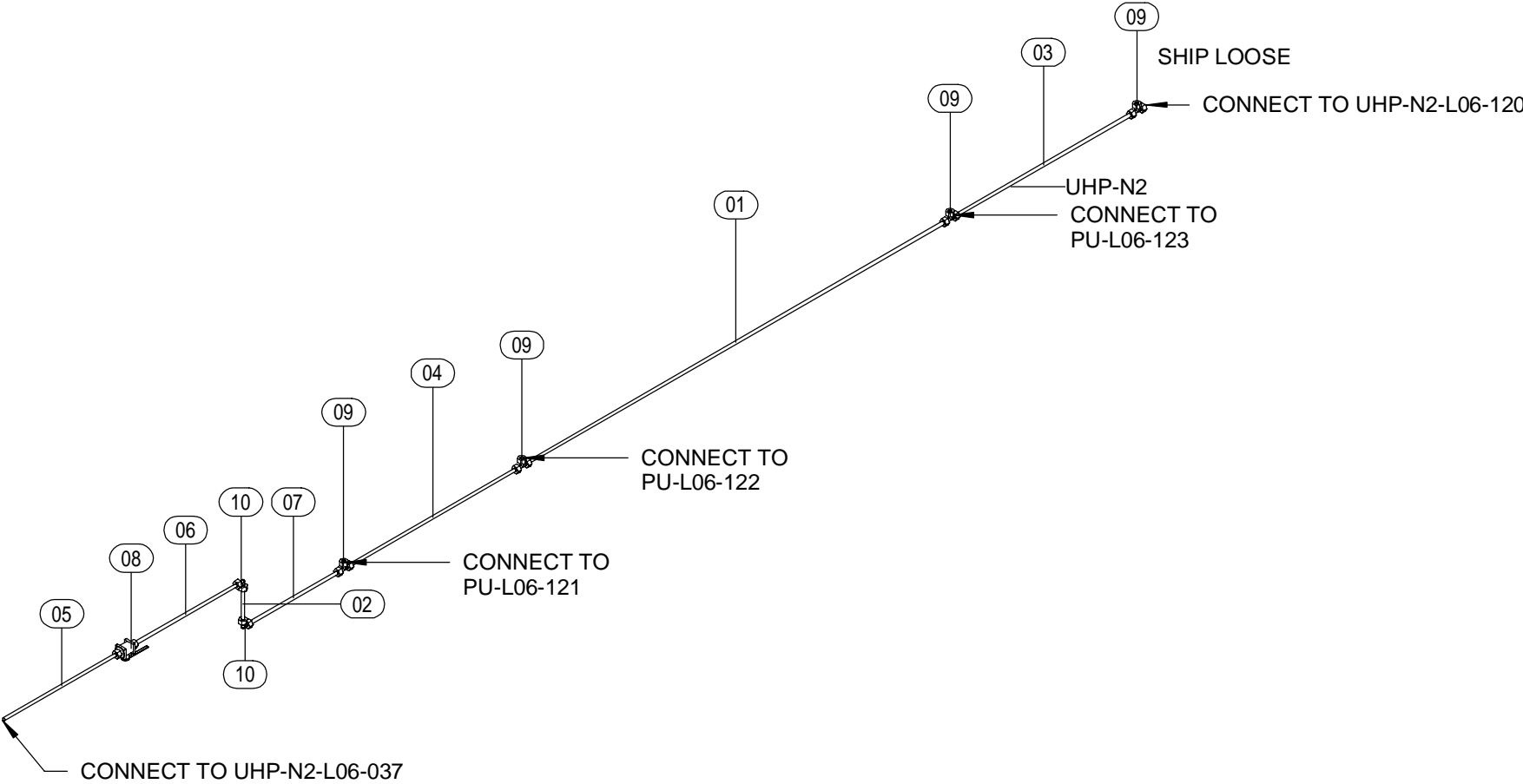
JOB: WASH U NRB  
TICKET: N2-L06-119  
Drawn By: Author  
DATE: 11/09/21  
DATE REQ:



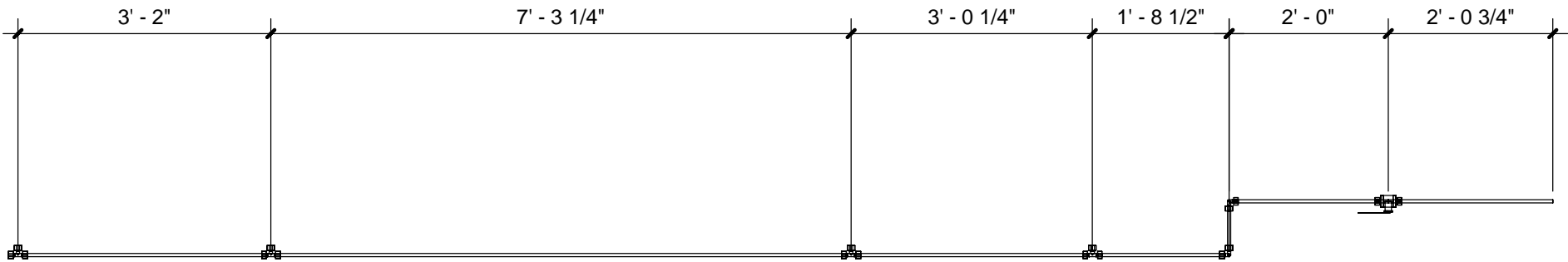
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
09-11-2021 20:21:43

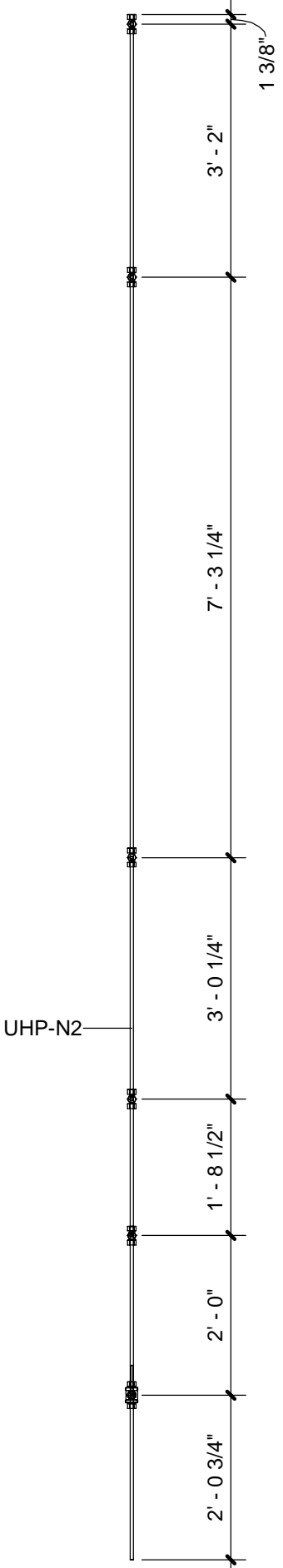
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	7'-2 3/16"				
02	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-7"				
03	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	3'-1"				
04	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	2'-11 1/4"				
05	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-11 5/8"				
06	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-10 5/16"				
07	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-7 1/2"				
08	1	1/2"	Swagelok Swagelok Series 60 SS316 3pc Ball Valve CMP					
09	4	1/2"	Swagelok SS316 Compression Union Tee					
10	2	1/2"	Swagelok SS316 Compression Union 90 Elbow					



1 ISOMETRIC  
SCALE:



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



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

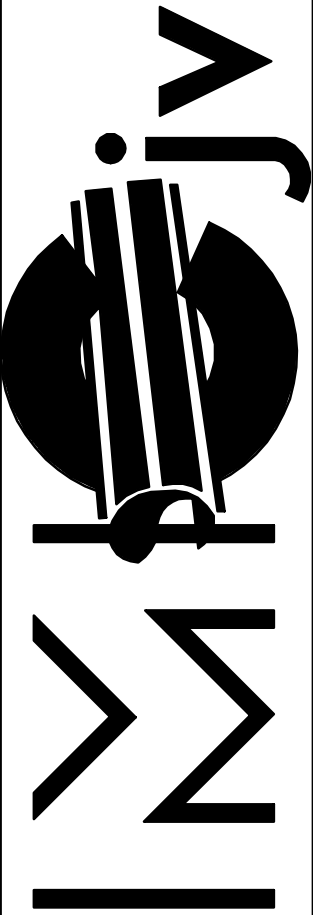
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: UHP-N2-L06-119

Drawn By: Author

DATE: 11/09/21 DATE REQ:



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