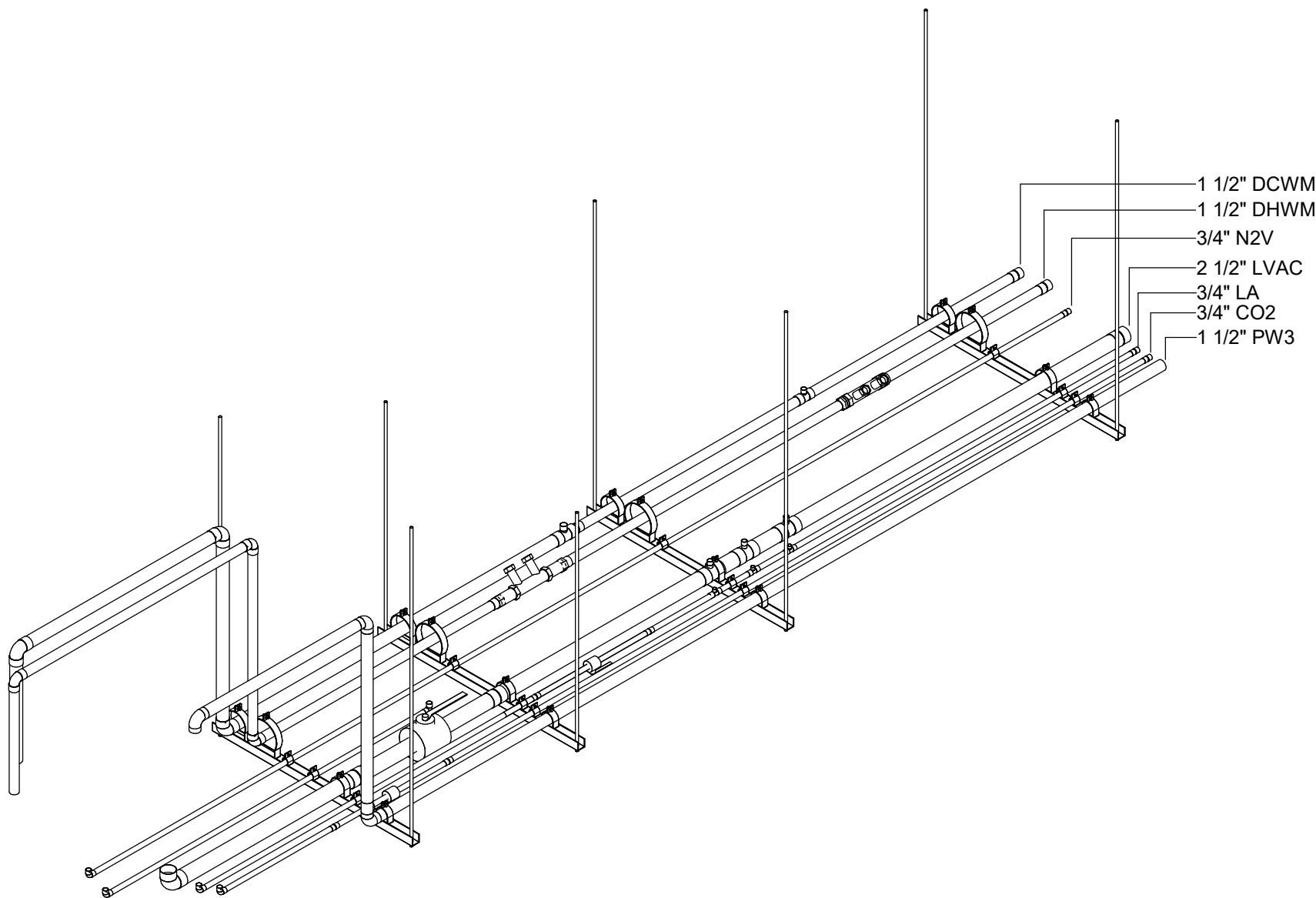
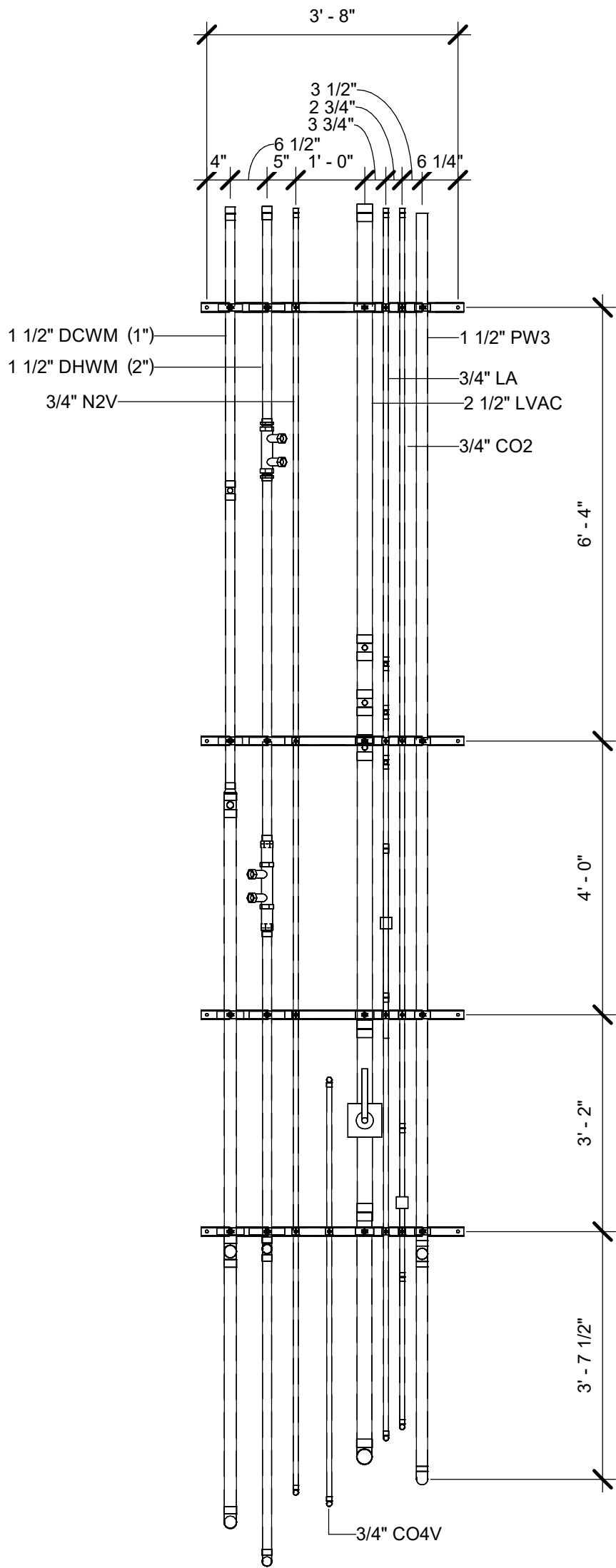


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12/30/2021 7:47:43 AM



1 AS-L07-054 - ISOMETRIC
AS-L07-054 SCALE:



2 AS-L07-054
AS-L07-054 SCALE: 1/2" = 1'-0"

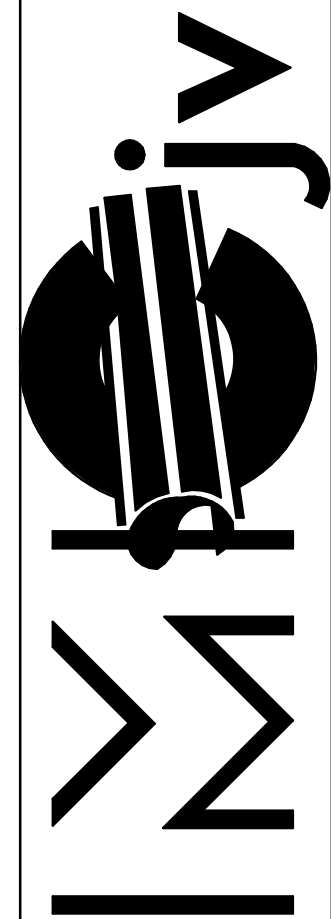
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A2	A4	B2	B4

JOB: WASH U NRB

TICKET: AS-L07-054

Drawn By: Author

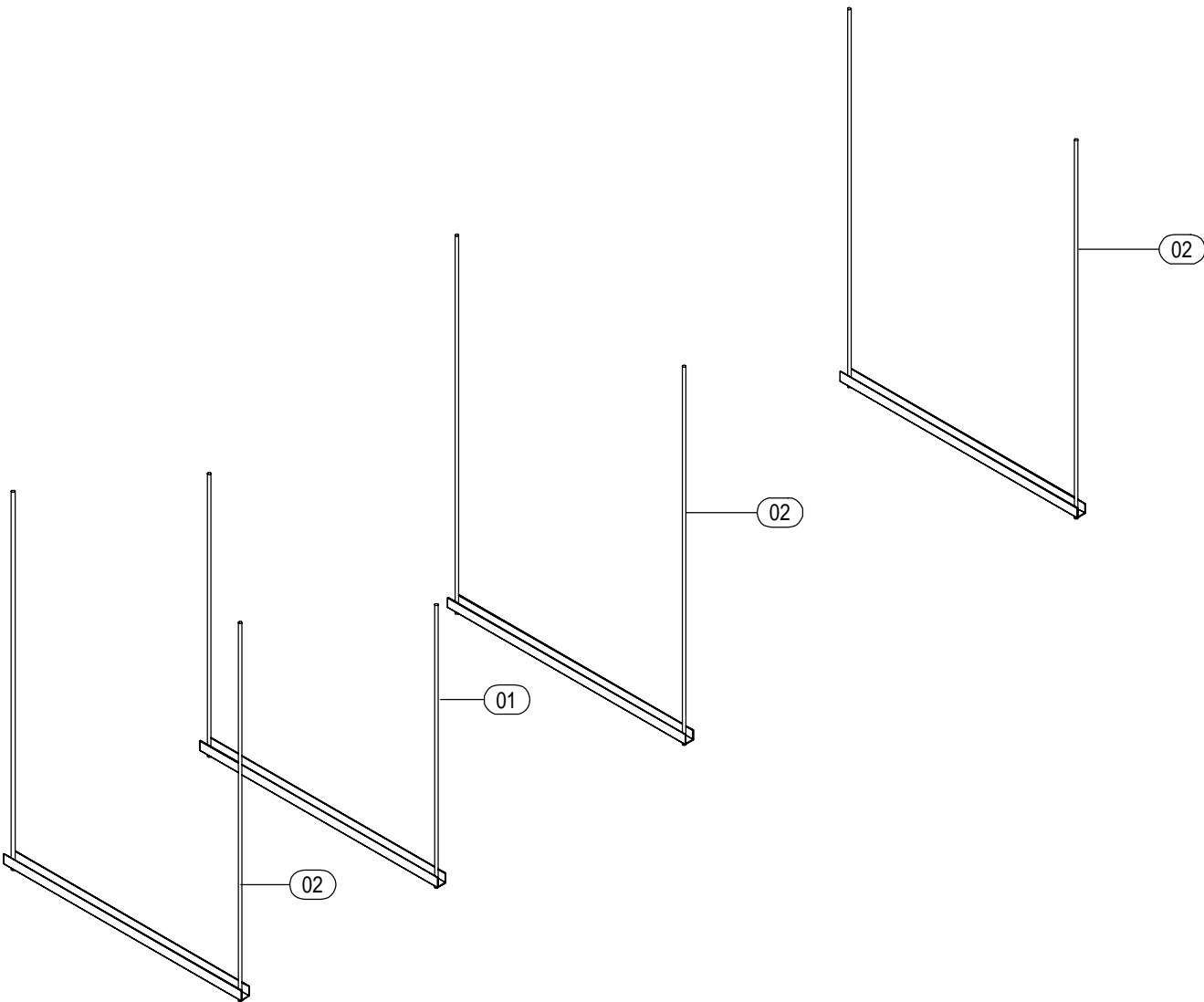
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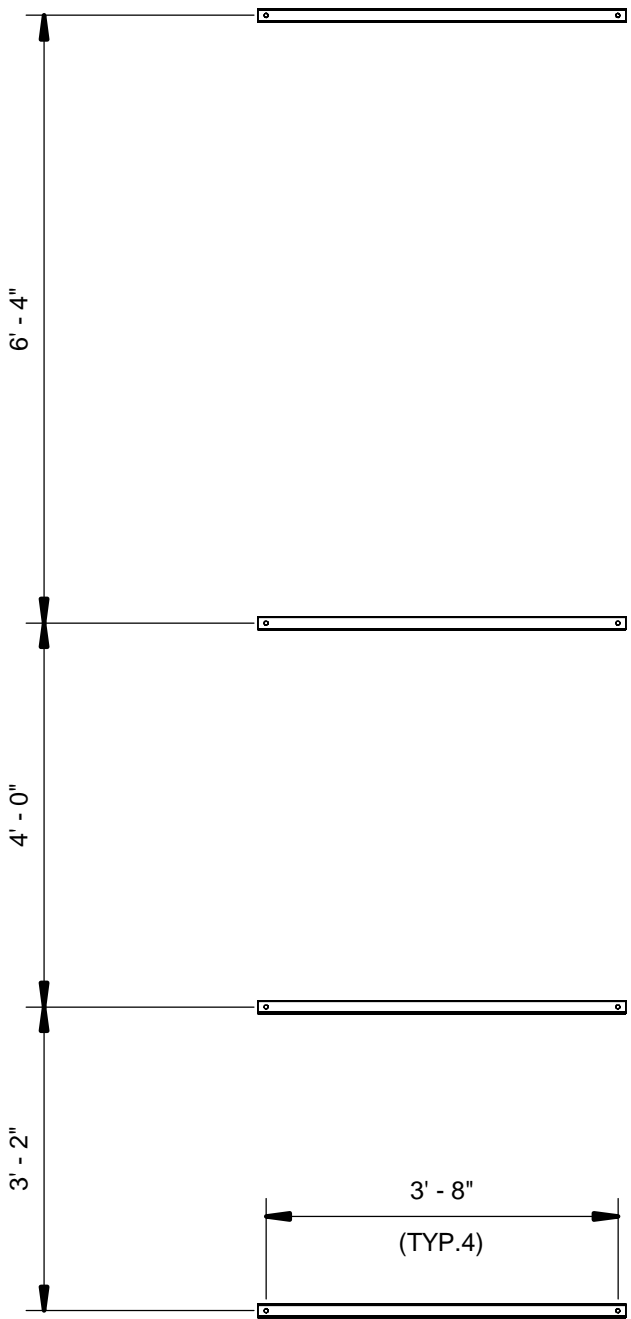
1233 N. Price Rd.
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BIM 360//WUSM NRBWUSM_RB_HPE.rvt
18-11-2021 17:03:12

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	42"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut		3' - 10"	3' - 11 7/16"	3' - 11 7/16"	
02	3	42"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut		3' - 10"	5' - 3 7/16"	5' - 3 7/16"	



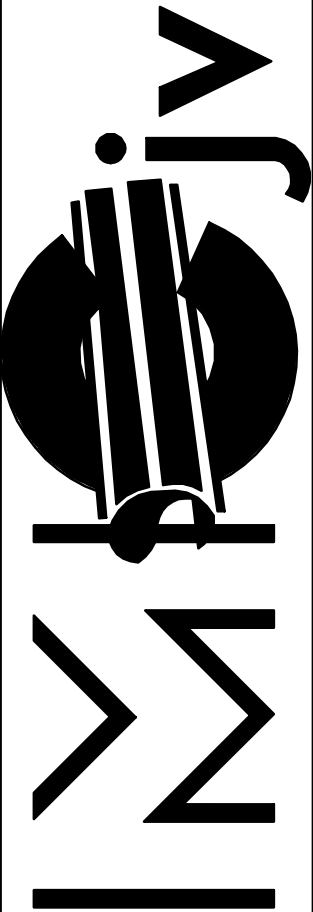
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	HPHGR-L07-054
Drawn By: Author	
DATE: 11/17/21	DATE REQ:



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

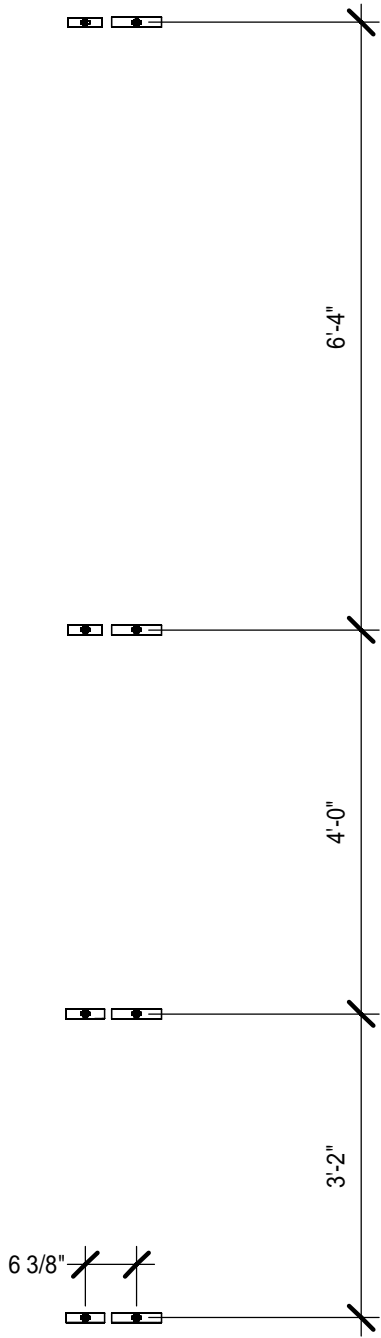
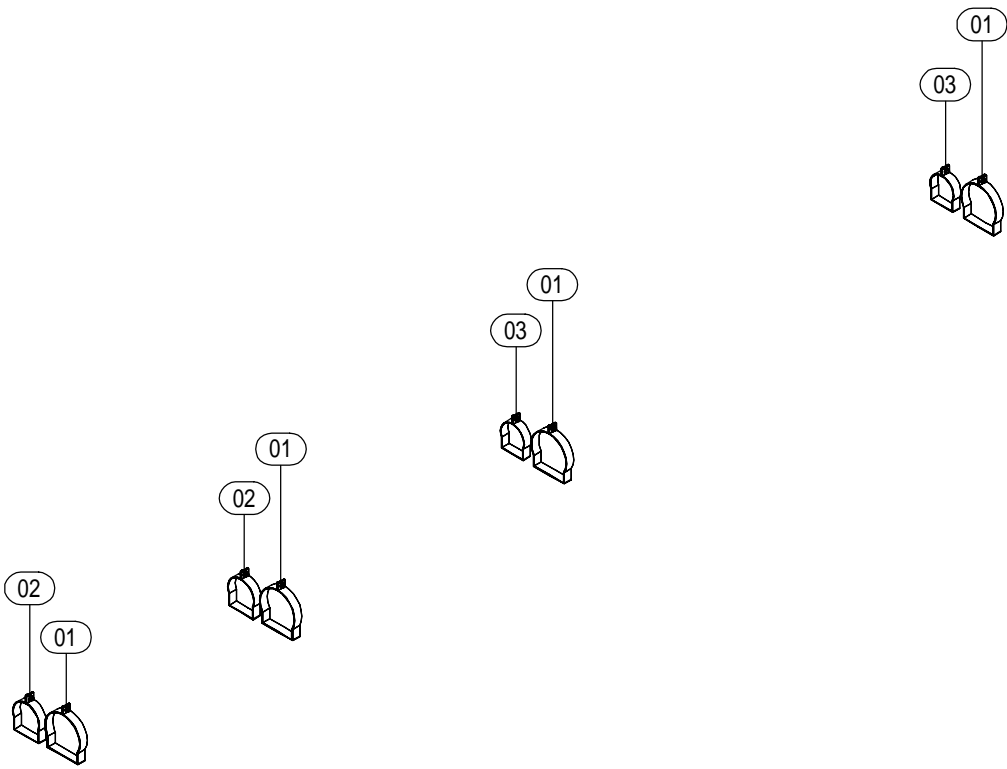
BIM 360://WUSM NRBWUSM_RB_PLF.rvt
17-11-2021 17:34:00

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	4	5.13"	B Line B2000 Series - OD Pipe and Conduit		0"		0"	
02	2	4.13"	B Line B2000 Series - OD Pipe and Conduit		0"		0"	
03	2	3.63"	B Line B2000 Series - OD Pipe and Conduit		0"		0"	

01 4 5 5/8" B Line #2066

02 2 4 1/8" B Line #2054

03 8 3 5/8" B Line #2050

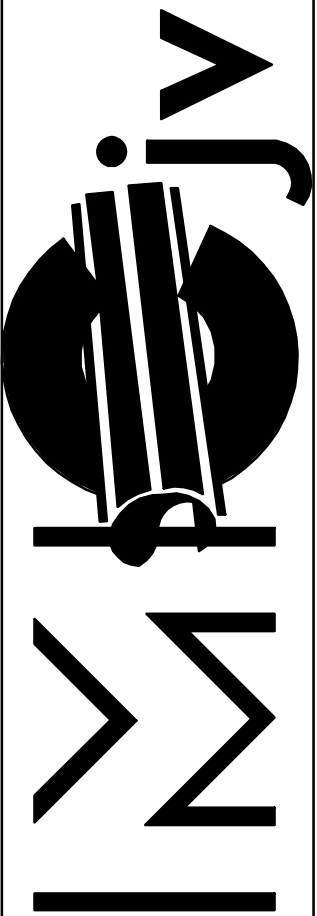


1 ISOMETRIC
SCALE:

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

A1	A3	B1	B3
A2	A4	B2	B4

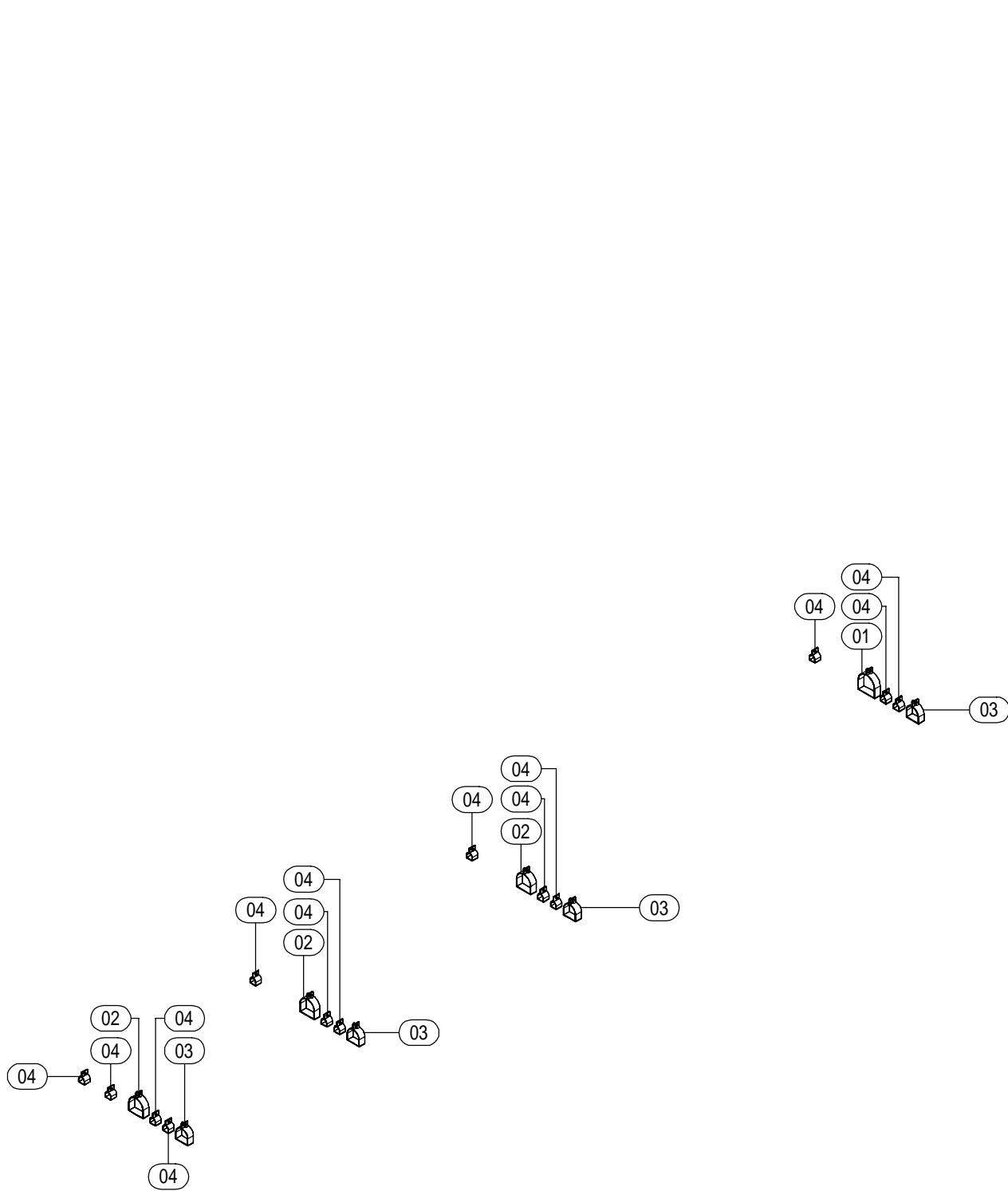
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TICKET: PPHGR-L07-054
Drawn By: Author
DATE: 11/17/21
DATE REQ:



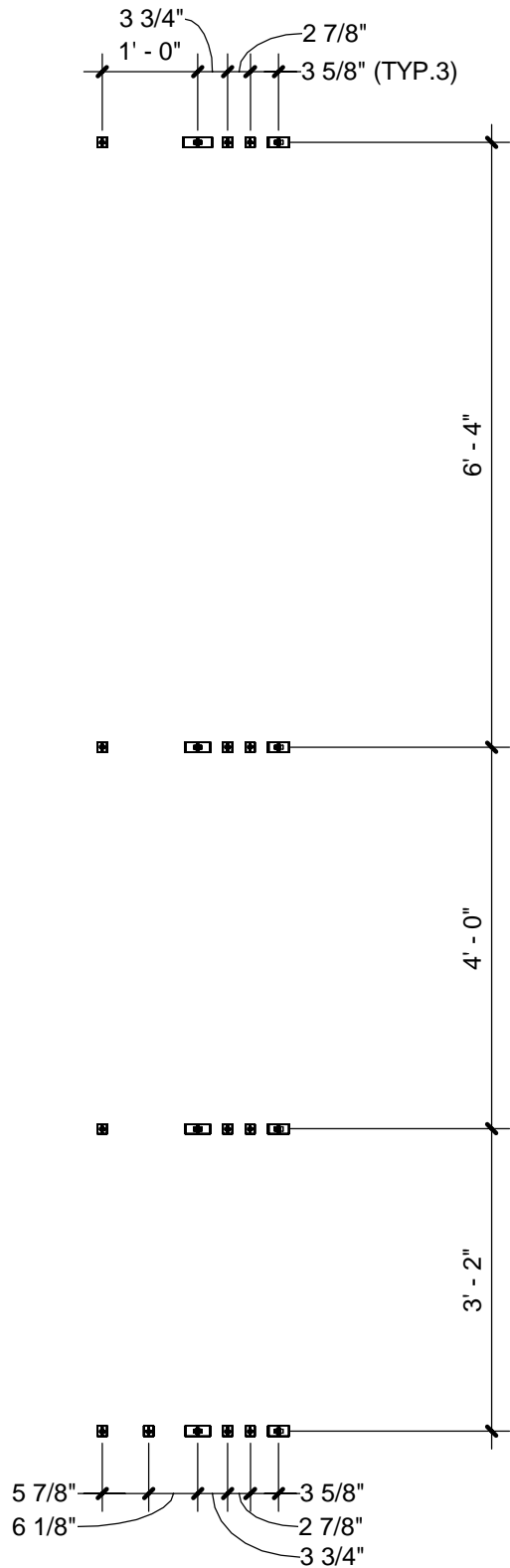
1233 N. Price Rd.
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BIM 360://WUSM NRB\\WUSM_RB_PUF.rvt
18-11-2021 11:15:04

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
02	3	2.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
03	4	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
04	13	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	



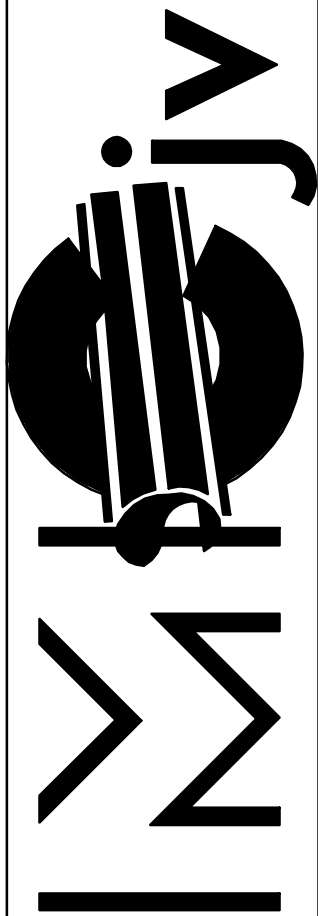
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

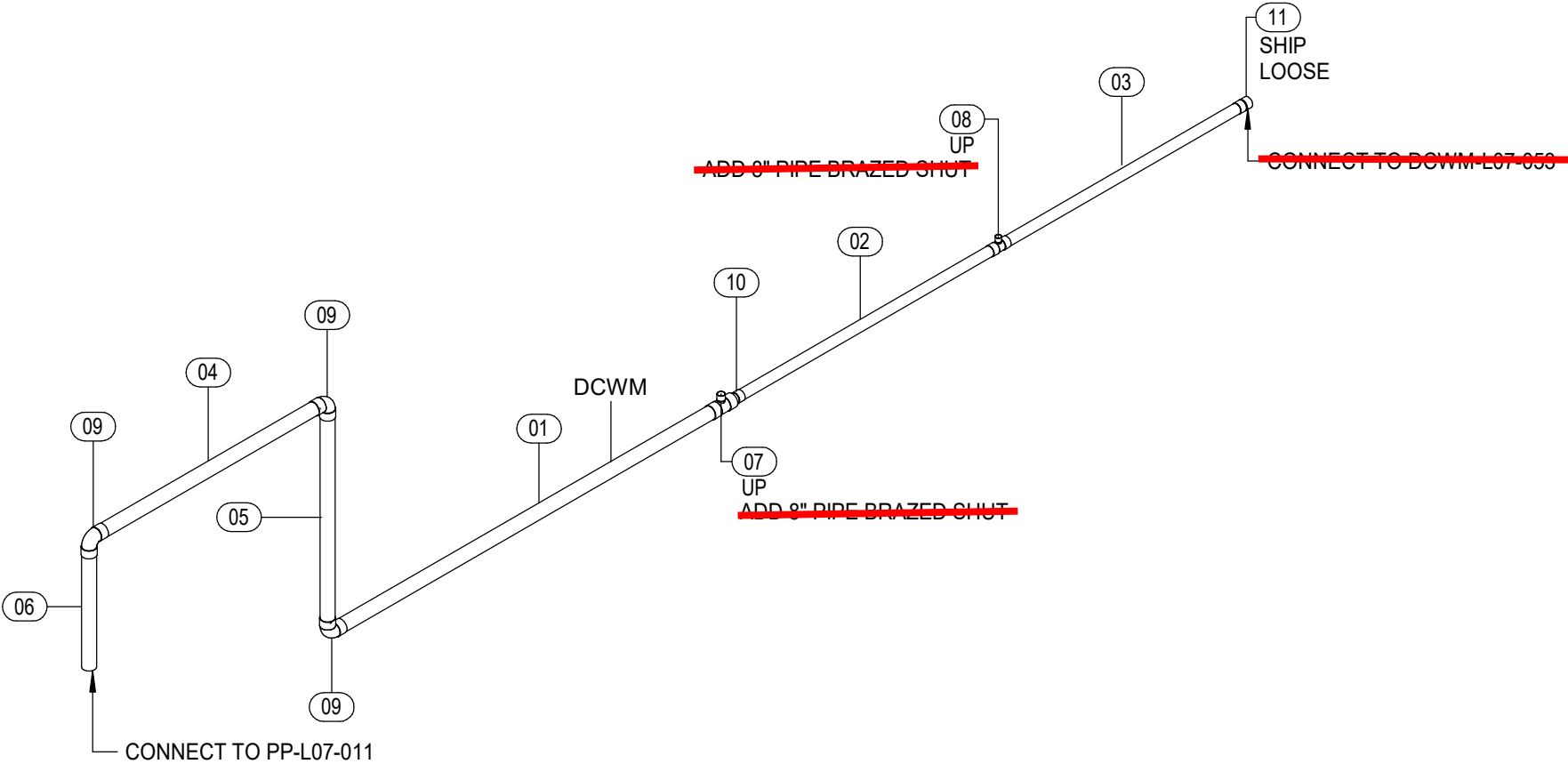
JOB:	WASH U NRB
TICKET:	PUHGR-L07-054
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



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

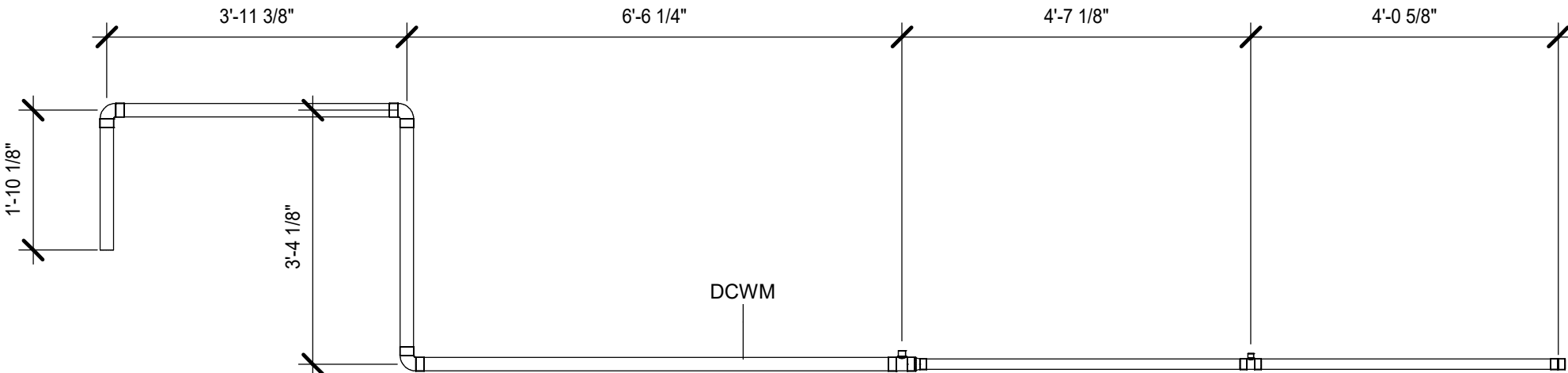
BIM 360://WUSM NRBWUSM_RB_PLF.rvt
12/29/2021 2:57:05 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe	6'-4"				1"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	4'-3 3/4"				1"
03	1	1 1/2"	Cerro Type L Hard Copper Pipe	3'-11 7/8"				1"
04	1	2"	Cerro Type L Hard Copper Pipe	3'-8 5/8"				1"
05	1	2"	Cerro Type L Hard Copper Pipe	3'-1 5/16"				1"
06	1	2"	Cerro Type L Hard Copper Pipe	1'-8 11/16"				1"
07	1	2"x1"x2"	Nibco Wrot 611R CxCxC Reducing Tee					1"
08	1	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
09	3	2"	Nibco Wrot 607 90 Deg Ell CxC					1"
10	1	2"x1 1/2"	Nibco Wrot 600-2 Ftg Red FTGxC					1"
11	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
12	2	2"	Generic 95/5 Solder Joint					1"
13	1	1"	Generic 95/5 Solder Joint					1/2"
14	1	1 1/2"	Generic 95/5 Solder Joint					1"



1 ISOMETRIC

SCALE:

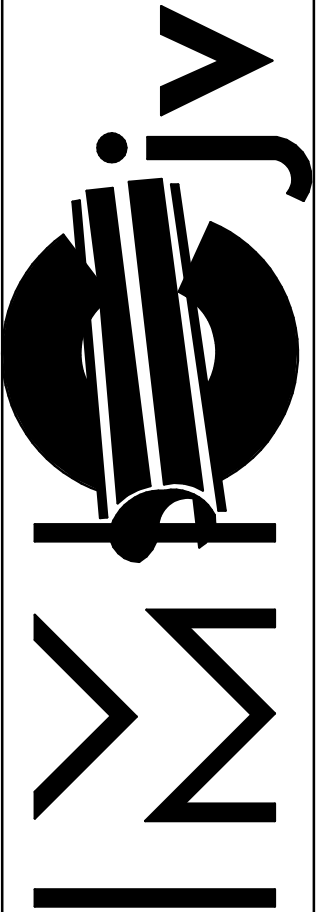


2 RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

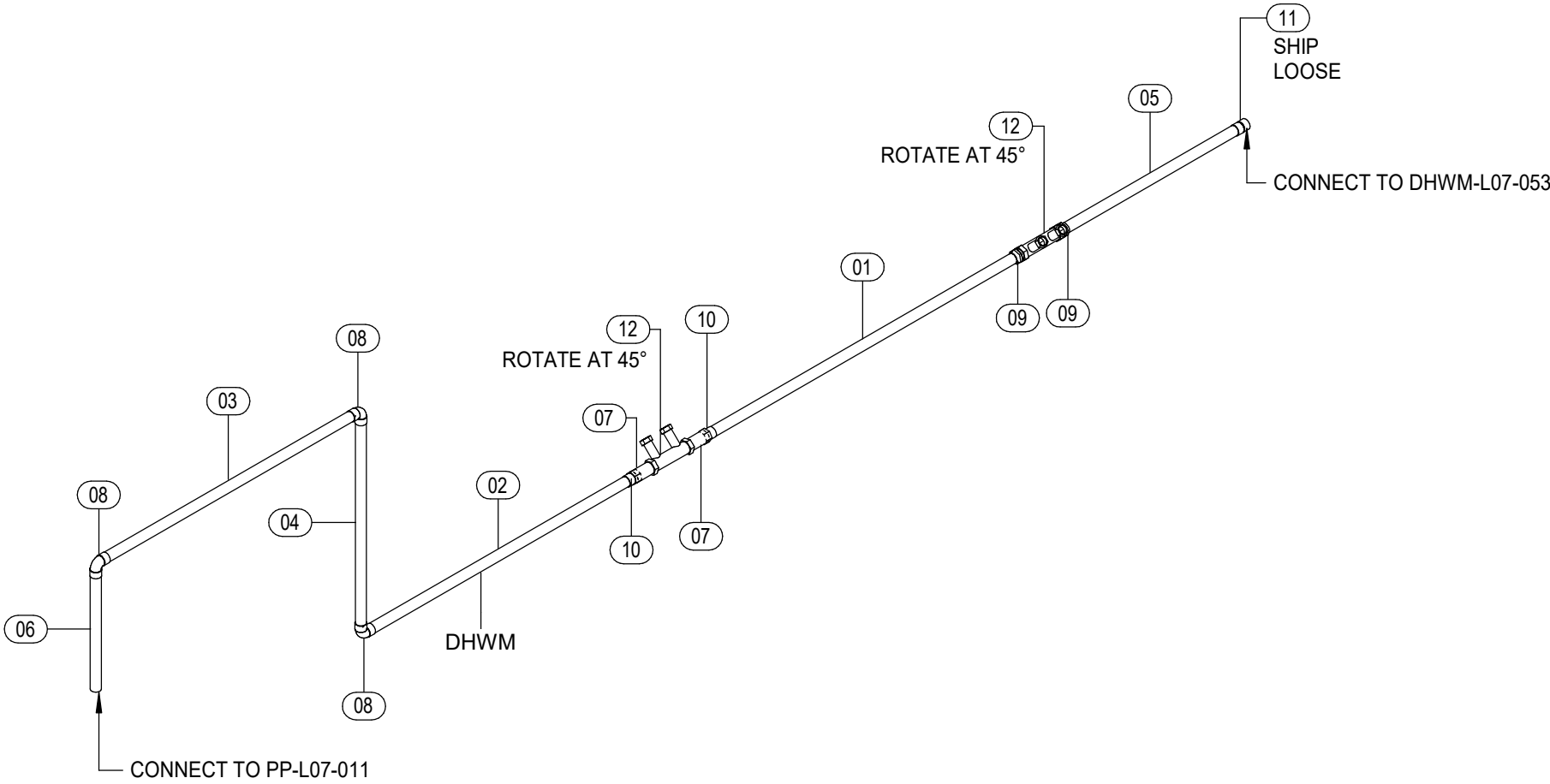
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DATE REQ:			



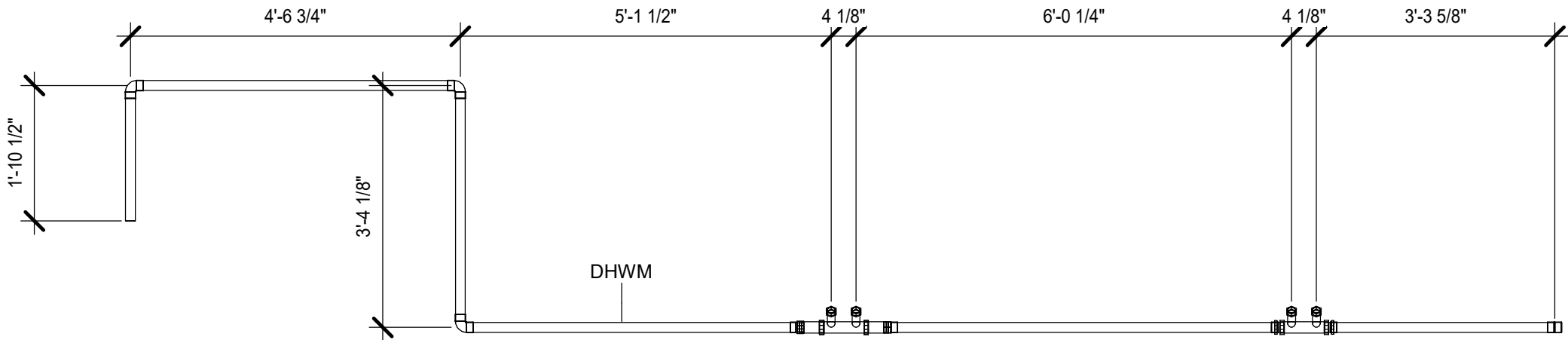
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314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
11/19/2021 11:34:25 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	5'-4 1/4"				2"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	4'-6 5/8"				2"
03	1	1 1/2"	Cerro Type L Hard Copper Pipe	4'-4 11/16"				2"
04	1	1 1/2"	Cerro Type L Hard Copper Pipe	3'-2 1/16"				2"
05	1	1 1/2"	Cerro Type L Hard Copper Pipe	3'-1 1/8"				2"
06	1	1 1/2"	Cerro Type L Hard Copper Pipe	1'-9 7/16"				2"
07	2	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting					2"
08	3	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC					2"
09	2	1 1/2"	Nibco Wrot 604 Adapter CxM					2"
10	2	1 1/2"	Nibco Wrot 603 Adapter CxF					2"
11	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"
12	2	1 1/2"x1"	Kemper Kemper Fig651 20 KHS Flow-Splitter FPT					2"



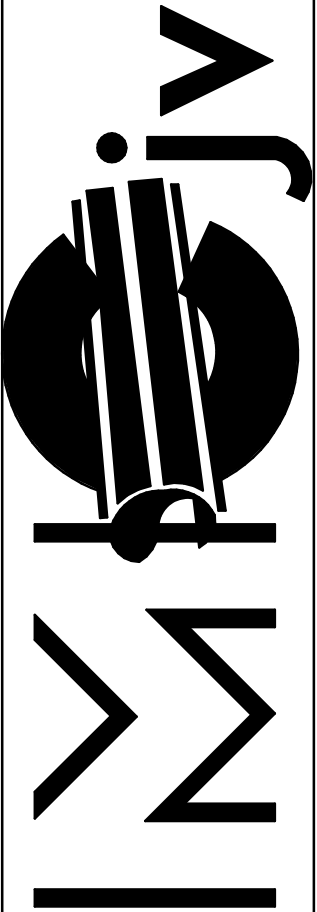
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

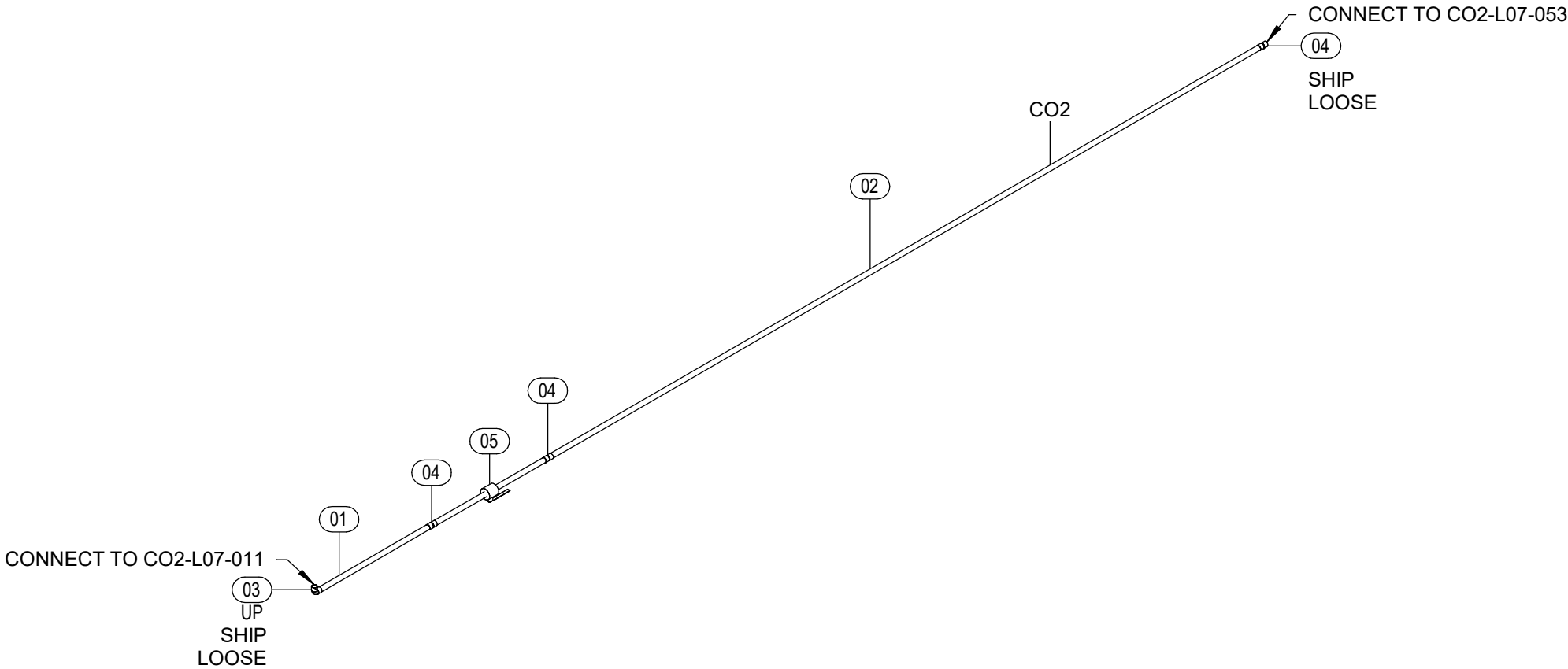
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DATE REQ:			



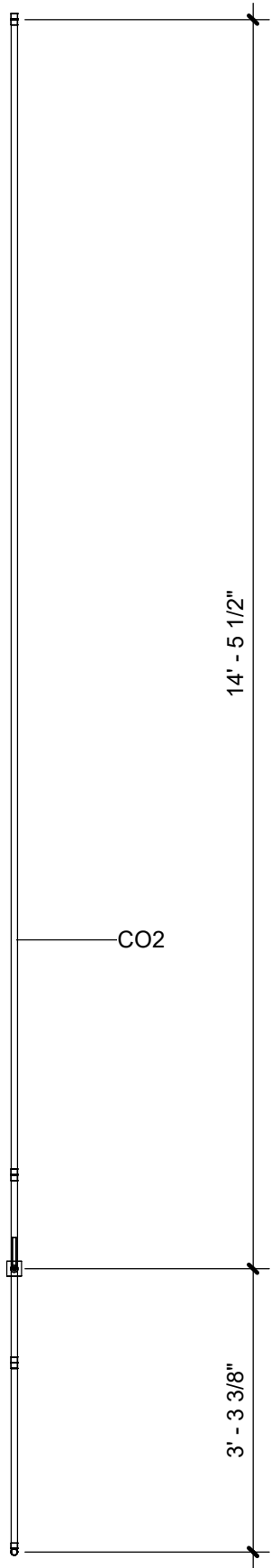
1233 N. Price Rd.
St. Louis, Mo 63132-2303
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
12/17/2021 8:57:30 AM

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



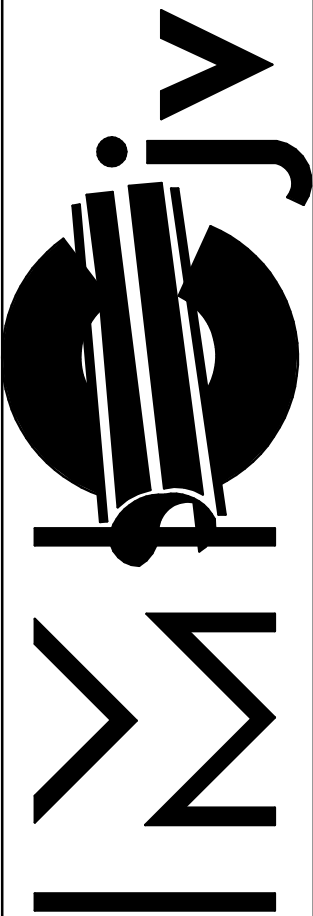
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

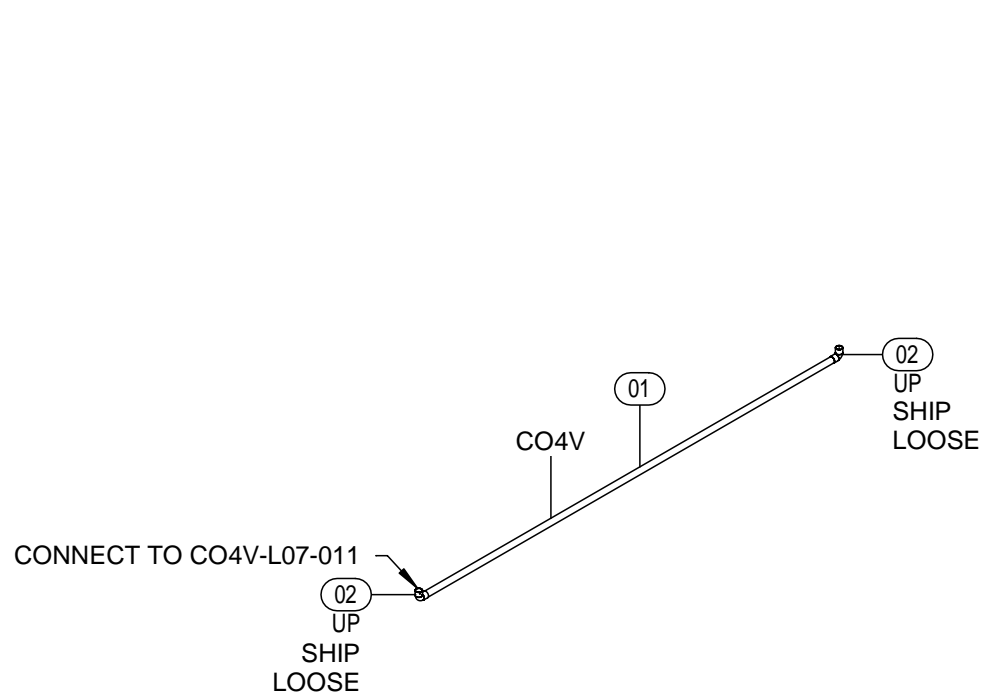
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TICKET:	CO2-L07-054
Drawn By: Author	
DATE: 11/17/21	DATE REQ:



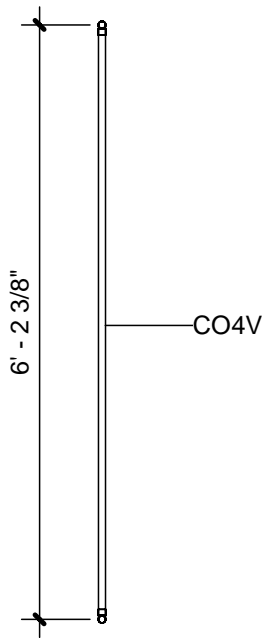
1233 N. Price Rd.
St. Louis, Mo 63132-2303
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17-11-2021 17:06:56

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	6'-1 5/16"				
02	2	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					



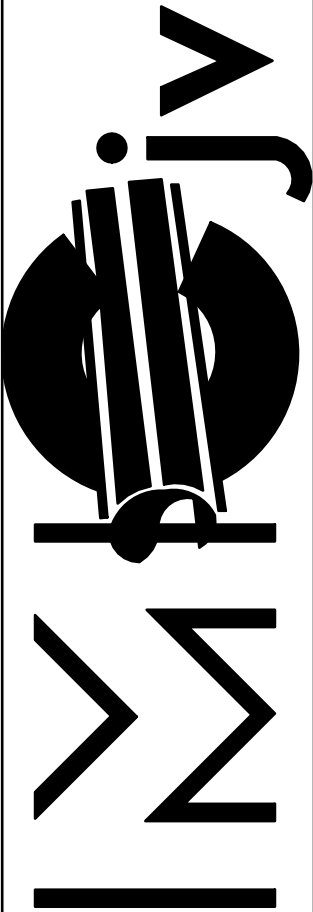
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

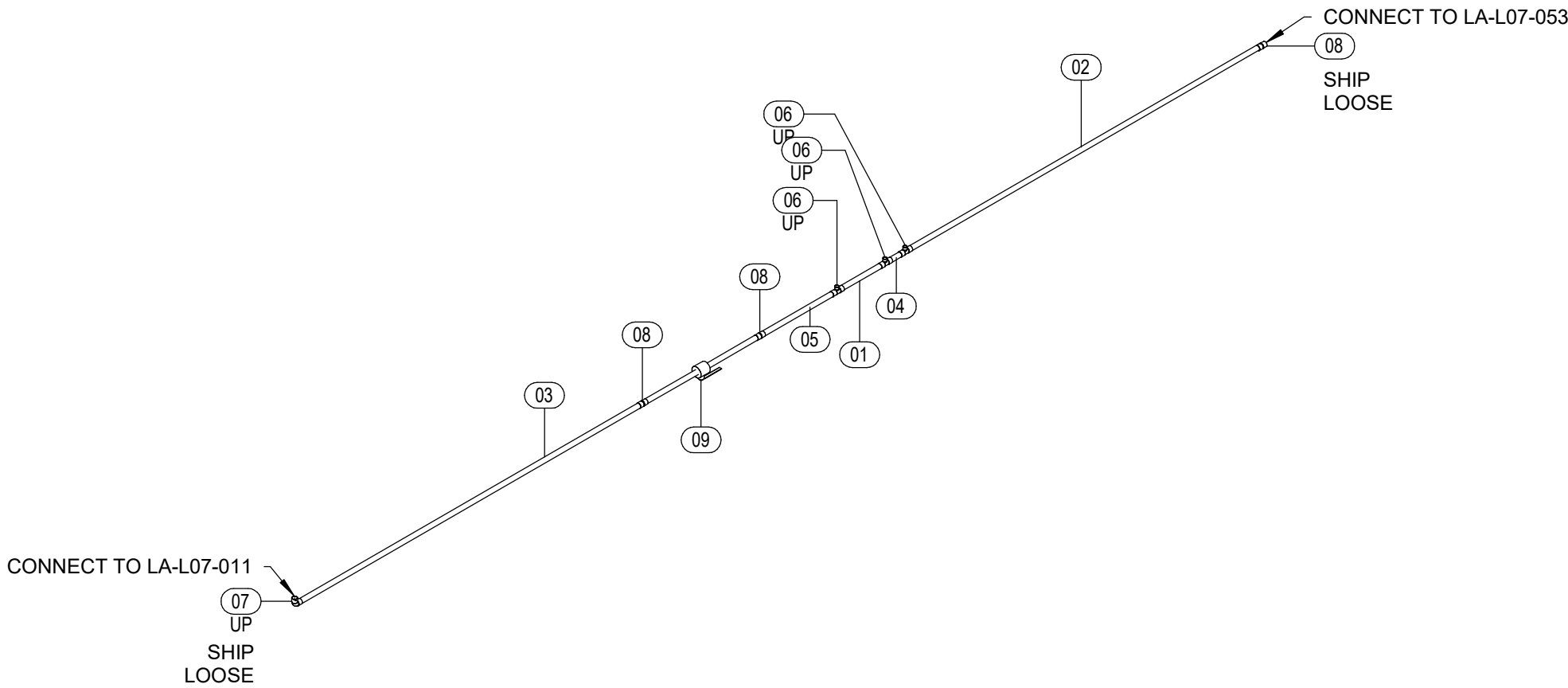
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TICKET:	CO4V-L07-054
Drawn By: Author	
DATE: 11/17/21	DATE REQ:



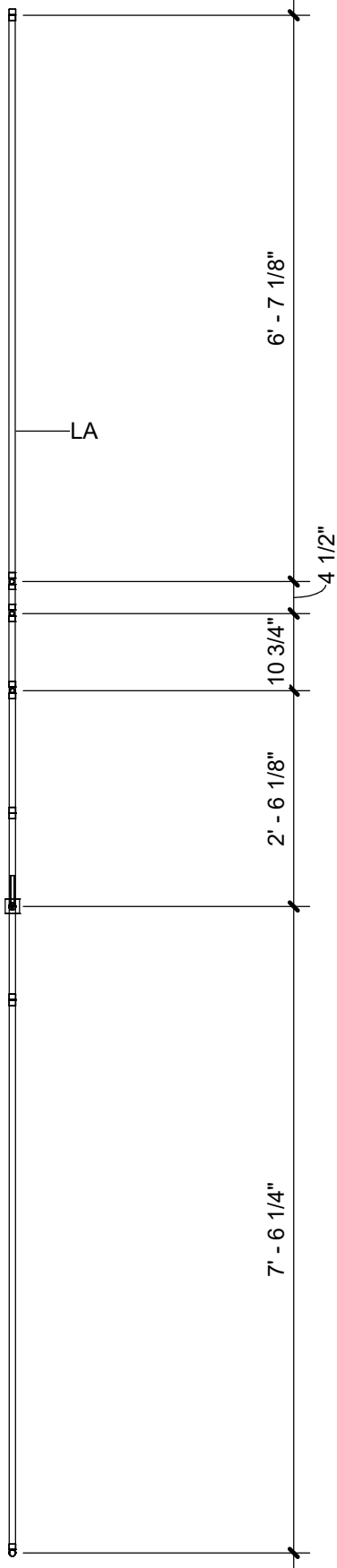
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
2/7/2022 11:41:39 AM

Mark	Qty	Size	Description	Length	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-9 7/8"	
02	1	3/4"	Cerro Type L Hard Copper - CFOS	6'-5 7/8"	
03	1	3/4"	Cerro Type L Hard Copper - CFOS	6'-4 3/4"	
04	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-3 5/8"	
05	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-4 5/8"	
06	3	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
07	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow		
08	3	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		
09	1	3/4"	Beacon Medaes SSB-820-10 Brz 3pc Dual FP Shut-Off wLk Lvr Valve		



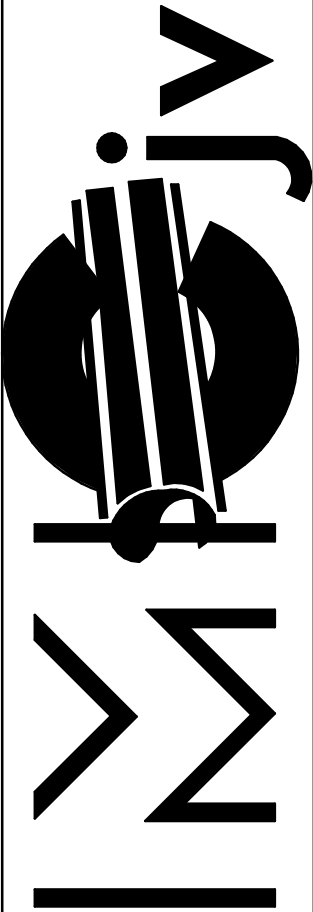
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

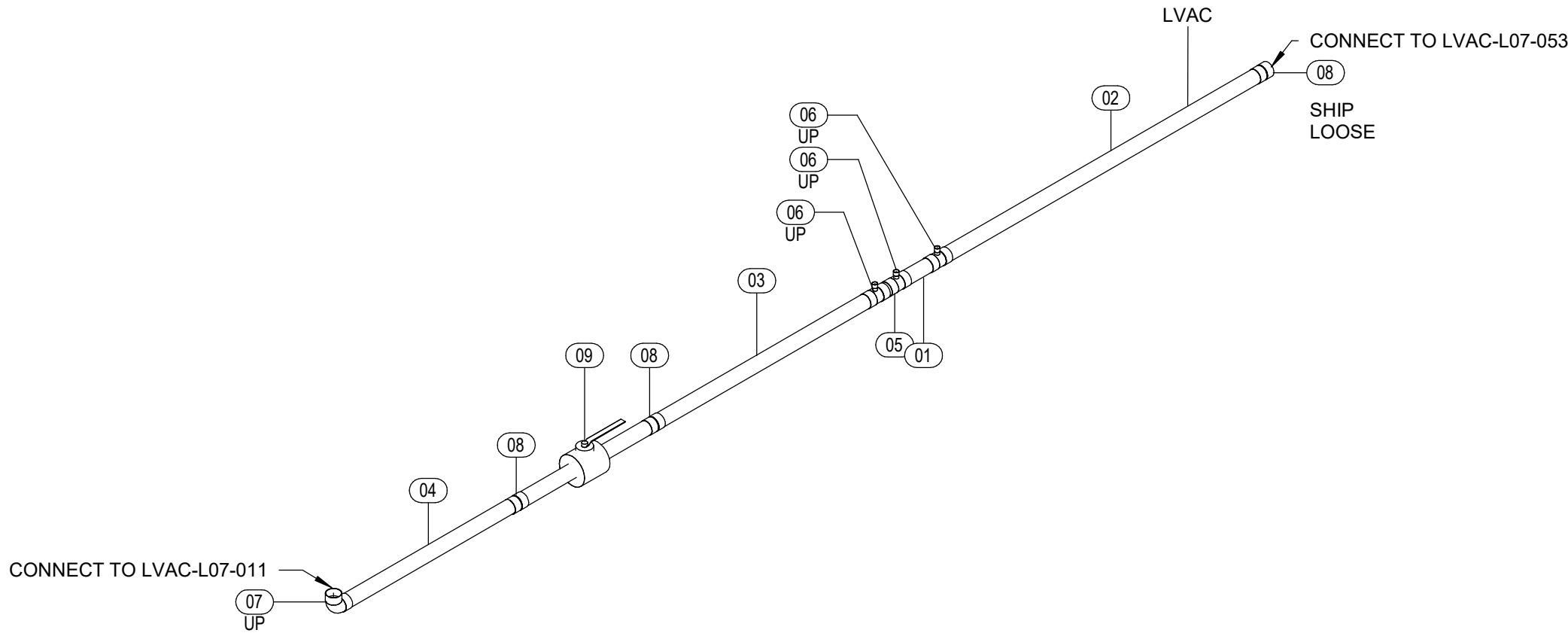
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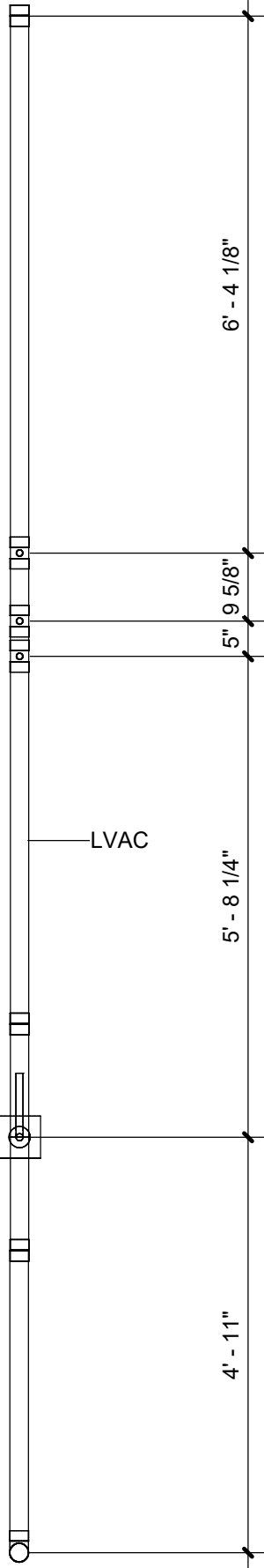
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
2/7/2022 11:42:00 AM

Mark	Qty	Size	Description	Length	Insulation
01	1	2 1/2"	Cerro Type L Hard Copper - CFOS	0'-8 1/8"	
02	1	2 1/2"	Cerro Type L Hard Copper - CFOS	6'-3 3/8"	
03	1	2 1/2"	Cerro Type L Hard Copper - CFOS	4'-3 3/8"	
04	1	2 1/2"	Cerro Type L Hard Copper - CFOS	3'-5 1/4"	
05	1	2 1/2"	Cerro Type L Hard Copper - CFOS	0'-3 3/8"	
06	3	2 1/2"x3/4"x2 1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
07	1	2 1/2"	Nibco 607-CB CFOS Wrot 90 Elbow		
08	3	2 1/2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		
09	1	2 1/2"	Beacon Medaes SSB-820-10 Brz 3pc Dual FP Shut-Off wLk Lvr Valve		



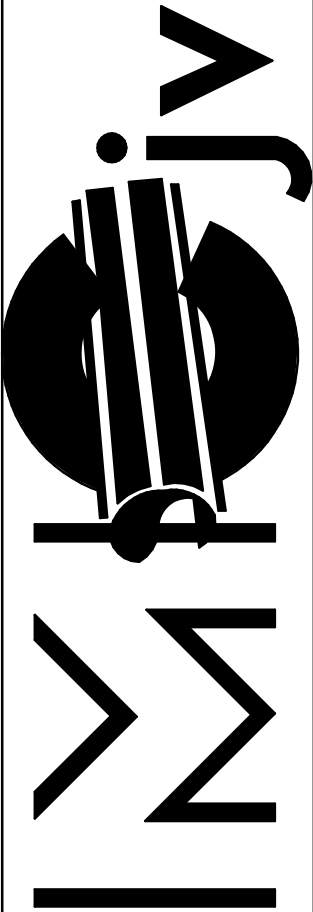
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

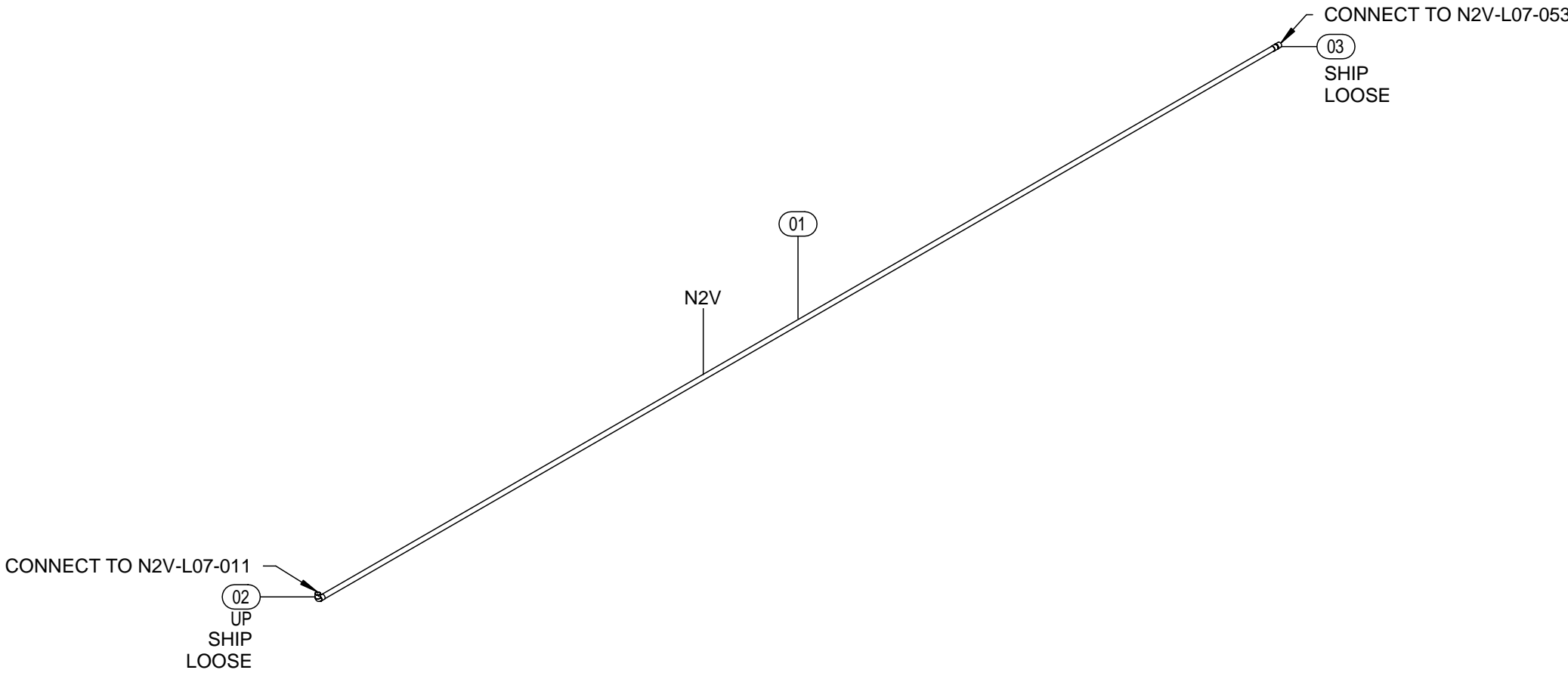
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Drawn By: Author	
DATE: 11/17/21	DATE REQ:



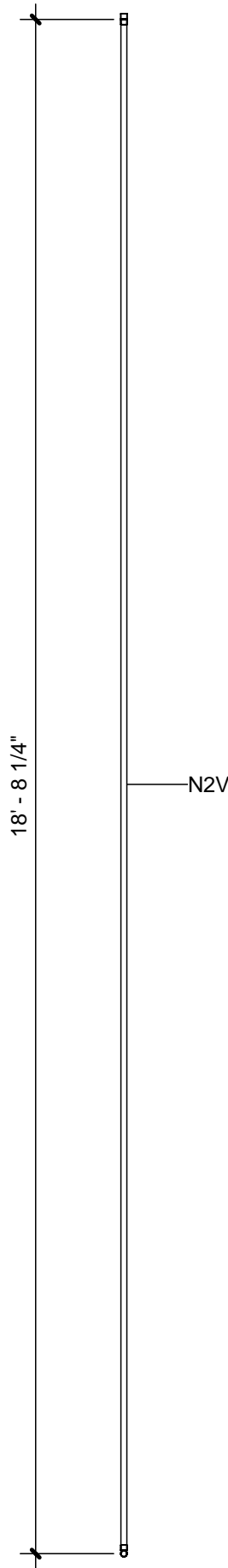
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
17-11-2021 17:16:32

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	18'-7 13/16"				
02	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
03	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



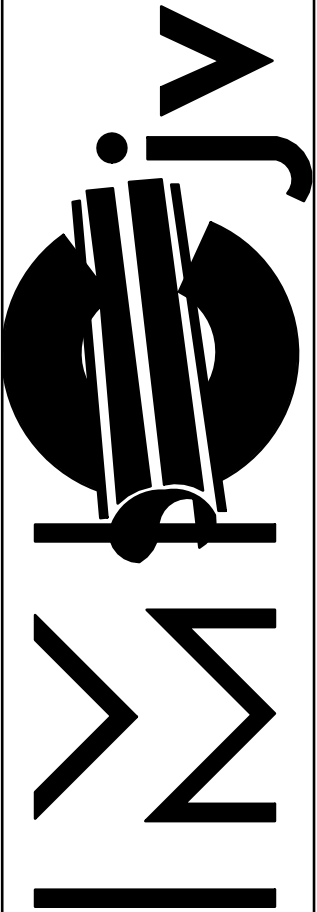
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

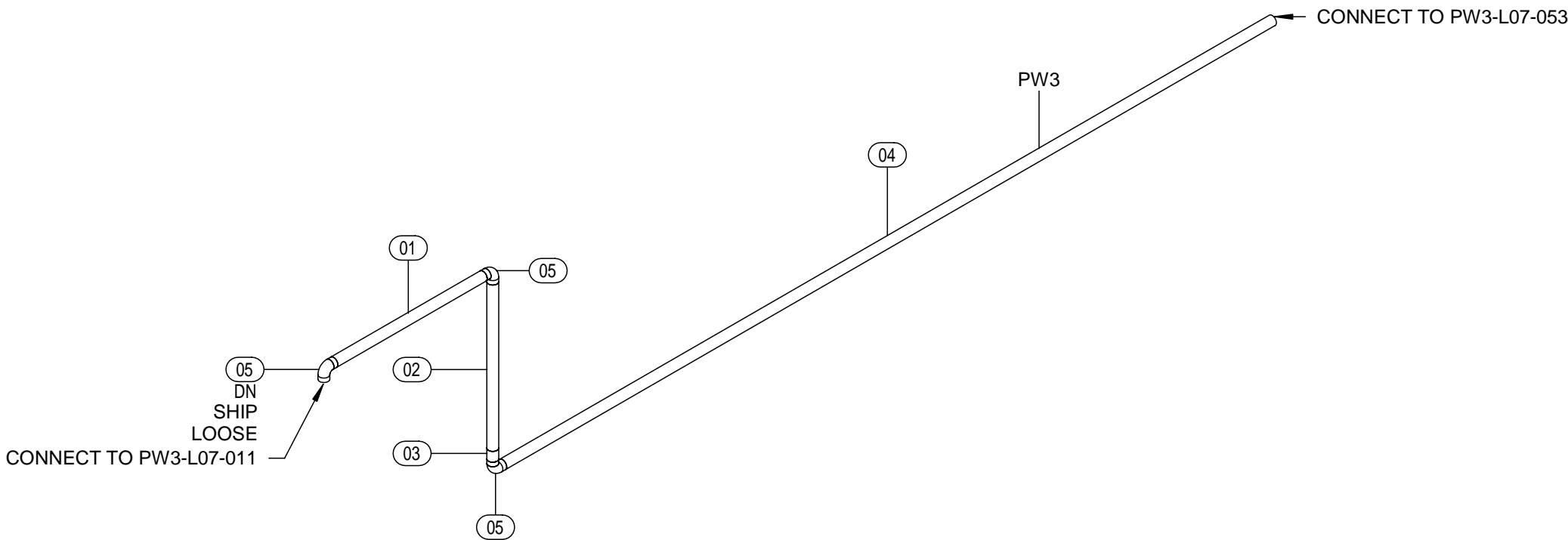
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TICKET:	N2V-L07-054
Drawn By: Author	
DATE: 11/17/21	DATE REQ:



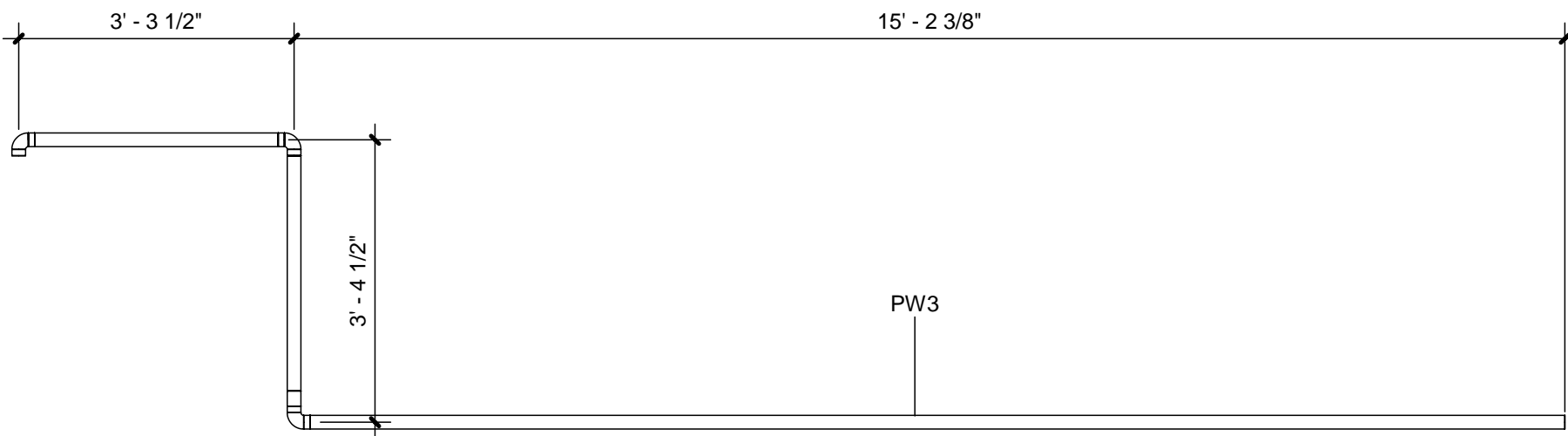
1233 N. Price Rd.
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BIM 360//WUSM NRBWUSM_RB_PUF.rvt
17-11-2021 17:52:38

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	2'-10 15/16"				
02	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	2'-9 3/4"				
03	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	0'-2 3/16"				
04	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	15'-0 1/8"				
05	3	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow					



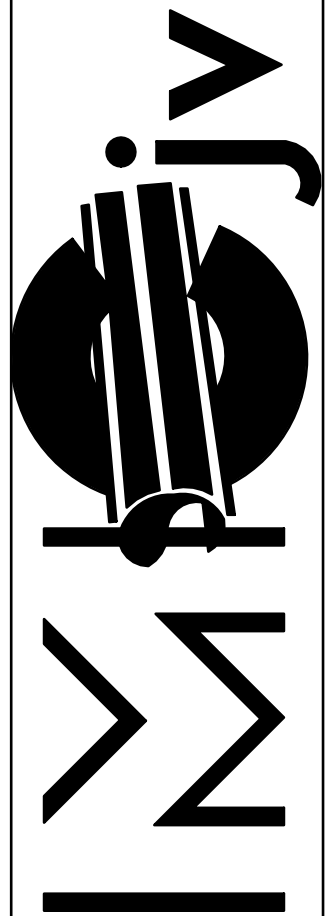
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW3-L07-054
Drawn By: Author	
DATE: 11/17/21	DATE REQ:



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