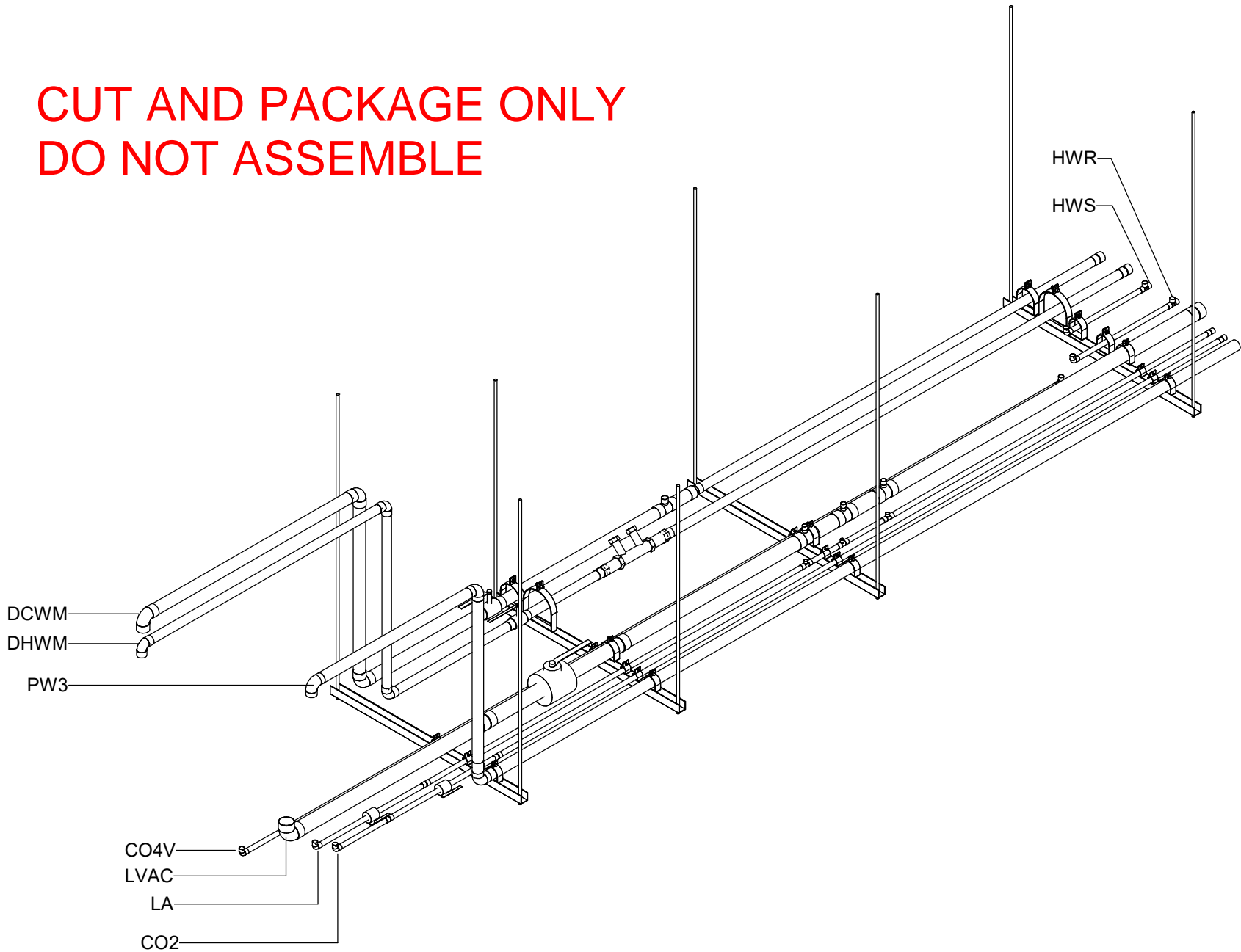
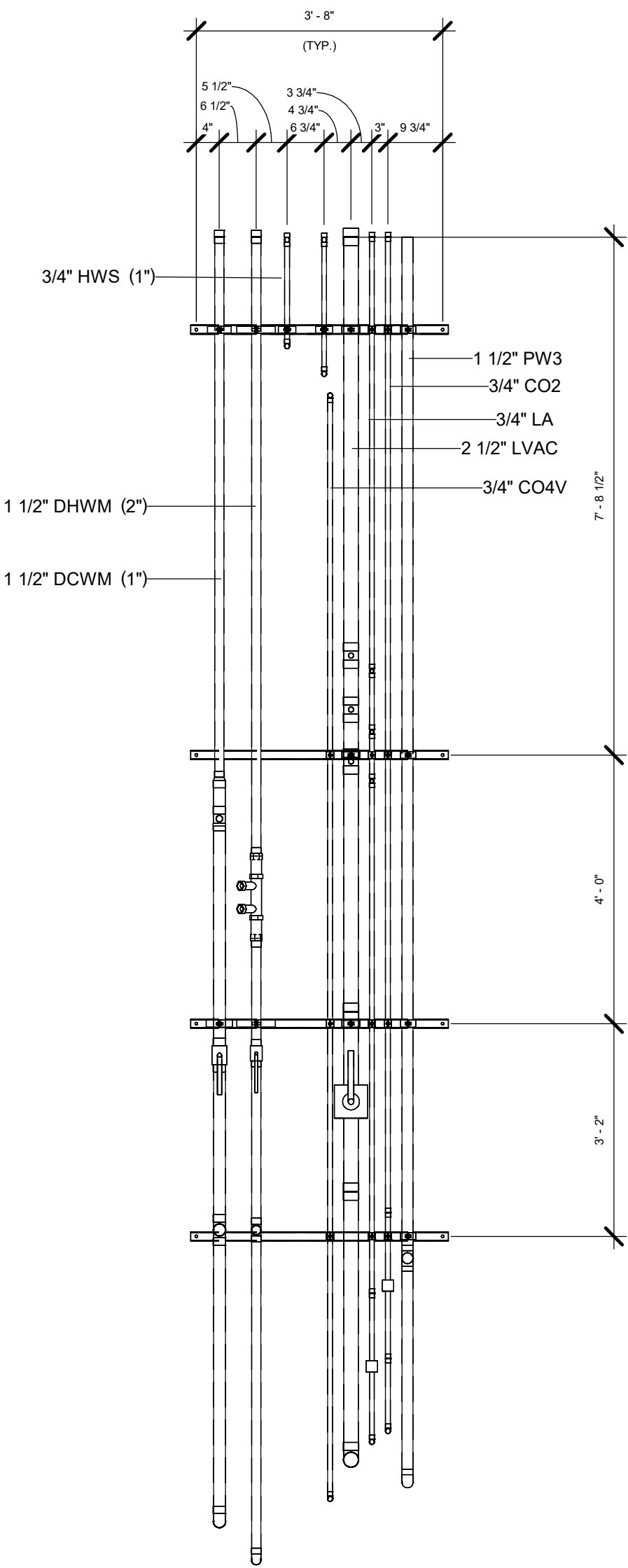


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10/27/2021 1:07:15 PM

CUT AND PACKAGE ONLY
DO NOT ASSEMBLE



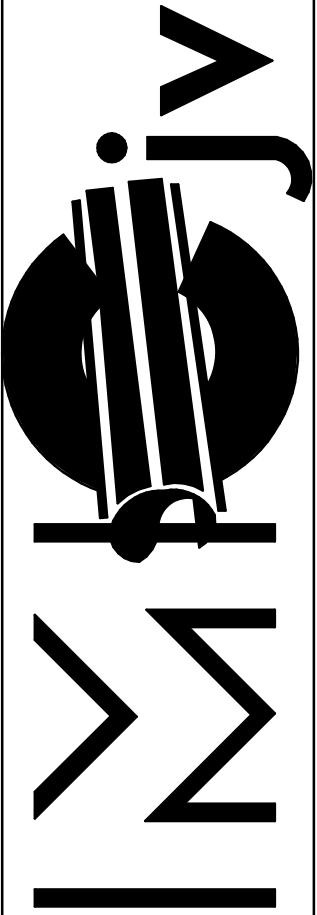
1 AS-L06-023 - ISOMETRIC
AS-L06-023 SCALE:



2 AS-L06-023
AS-L06-023 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB	TICKET: AS-L06-023	Drawn By: Author	DATE REQ: 10/08/21

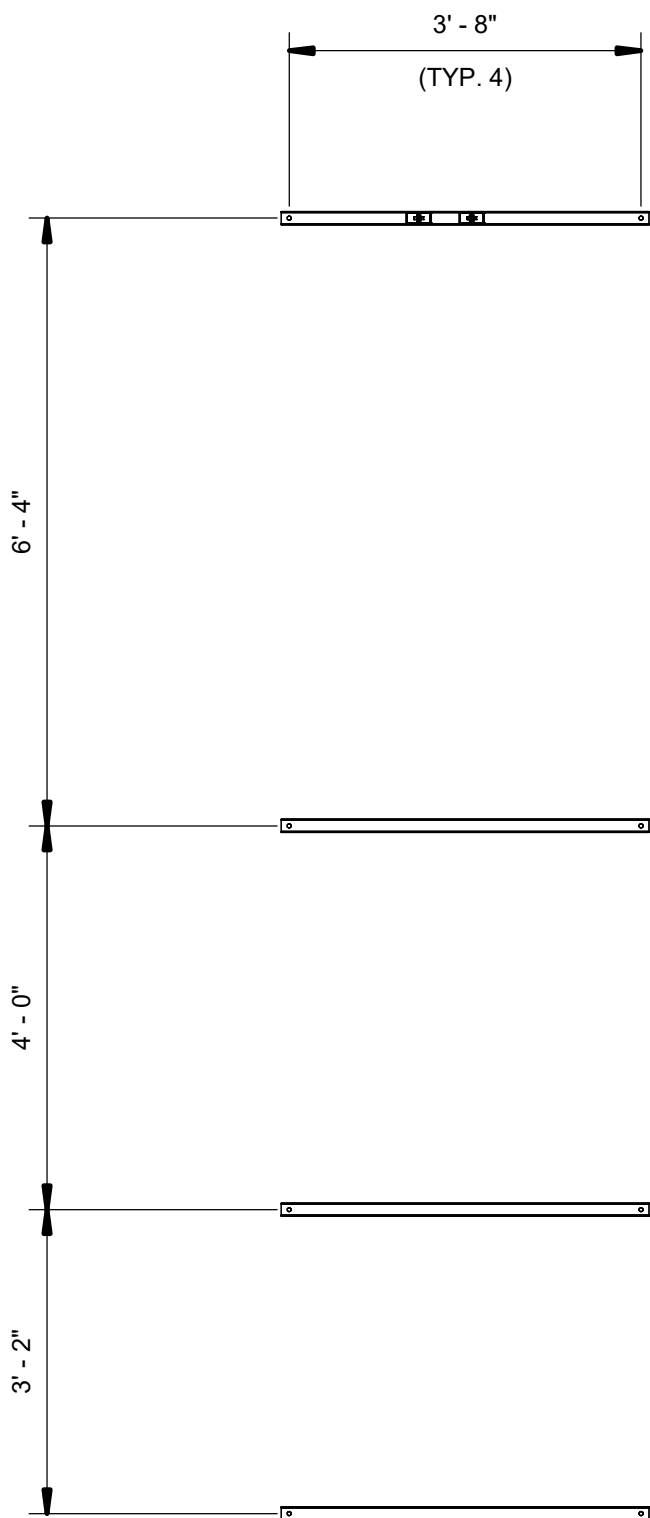


1233 N. Price Rd.
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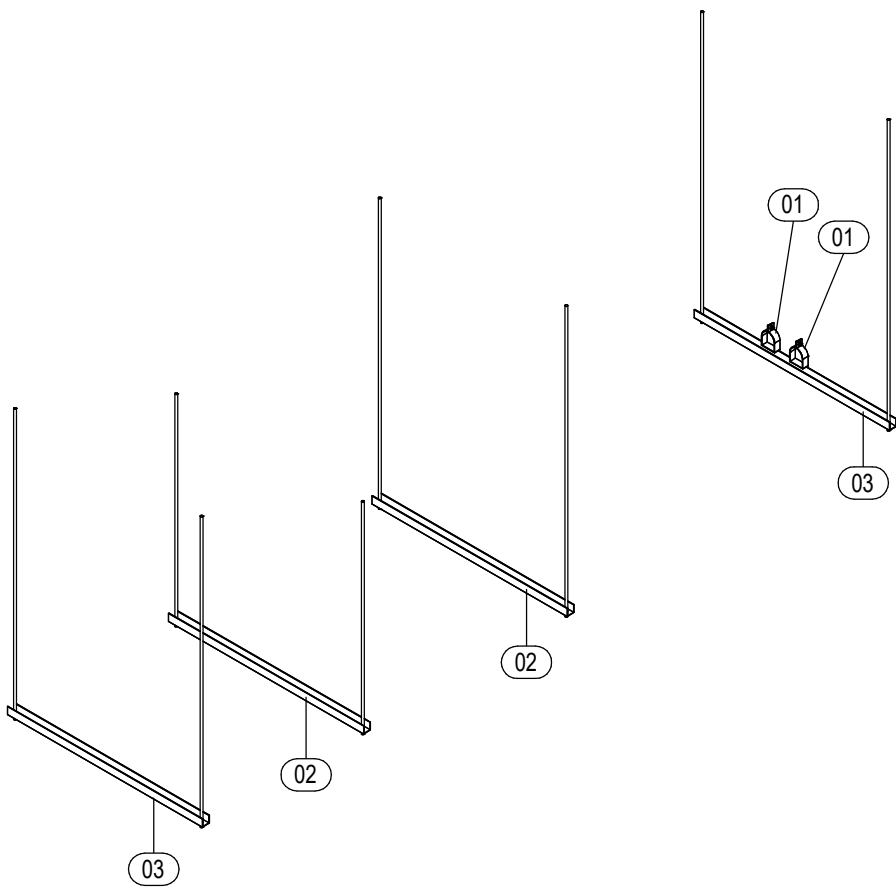
BIM 360://WUSM NRBWUSM_RB_HPF.rvt
10/12/2021 12:38:14 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	2	2.5"	B-Line B3000 ZN Sch 40 Pipe Clamp					
02	2	42"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		3' - 10"	3' - 11 7/16"	3' - 11 7/16"	
03	2	42"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		3' - 10"	5' - 3 7/16"	5' - 3 7/16"	

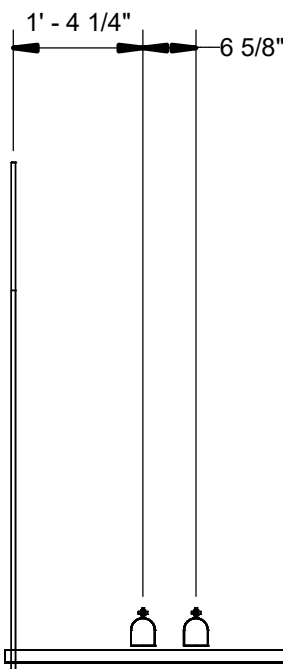
01 2 2 7/8" B-LINE #2014



2 TOP VIEW



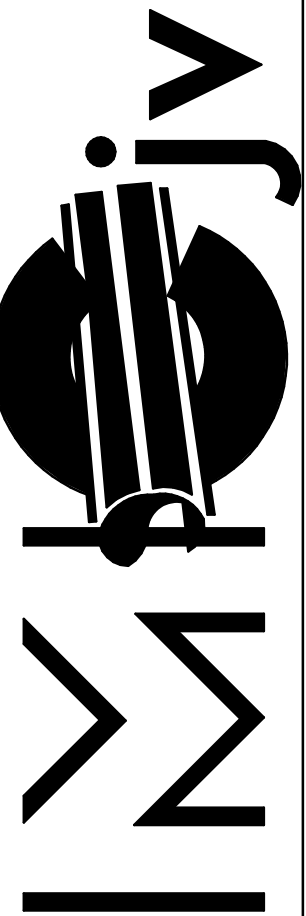
1 ISOMETRIC



3 FRONT ELEVATION

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	HPHGR-L06-023
Drawn By: Author	
DATE: 10/10/21	DATE REQ:

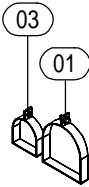
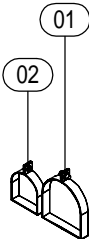


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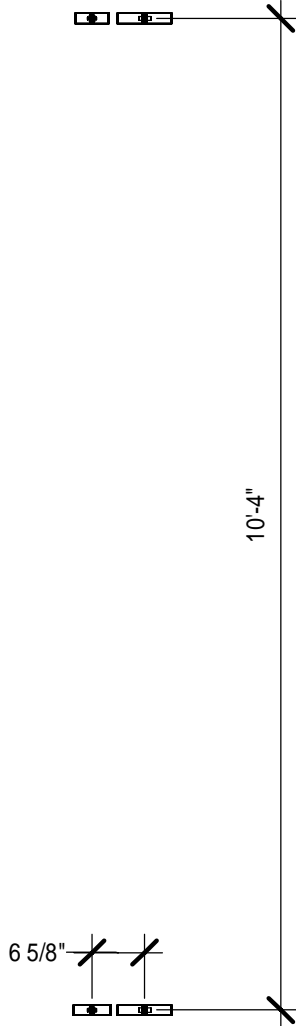
BIM 360://WUSM NRBWUSM_RB_PLE.rvt
22-10-2021 17:44:17

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	2	6"	B-Line B2000 ZN Coh 40 Pipe Clamp					
02	1	4"	B-Line B2000 ZN Coh 40 Pipe Clamp					
03	1	3.5"	B-Line B2000 ZN Coh 40 Pipe Clamp					

01	2	5 5/8"	B-LINE #2066
02	1	4 1/8"	B-LINE #2054
03	1	3 5/8"	B-LINE #2050



1 ISOMETRIC
SCALE:



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

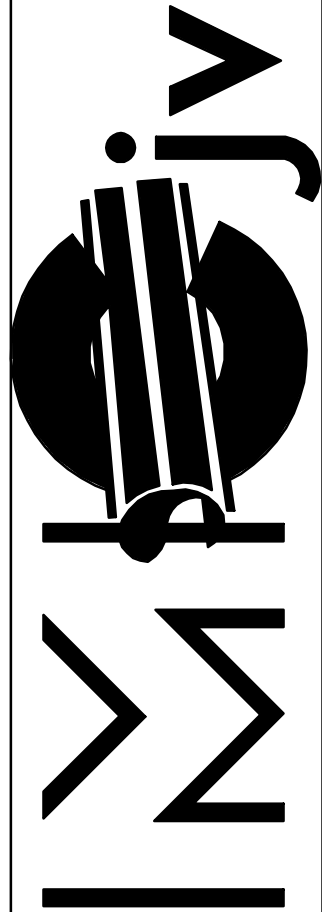
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: PPHGR-L06-023

Drawn By: Author

DATE: 10/22/21 DATE REQ:

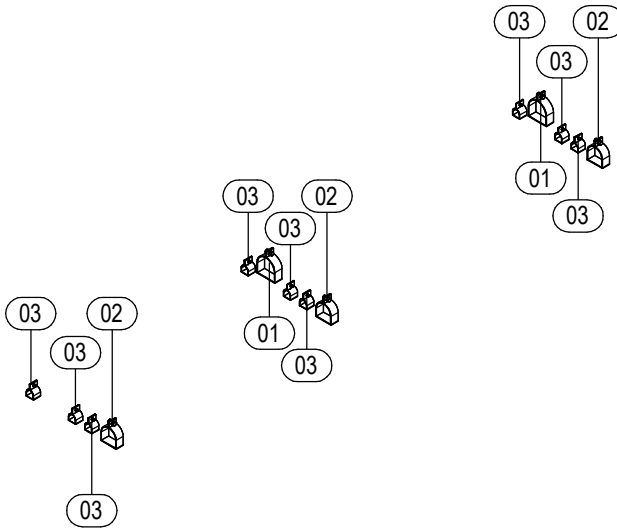


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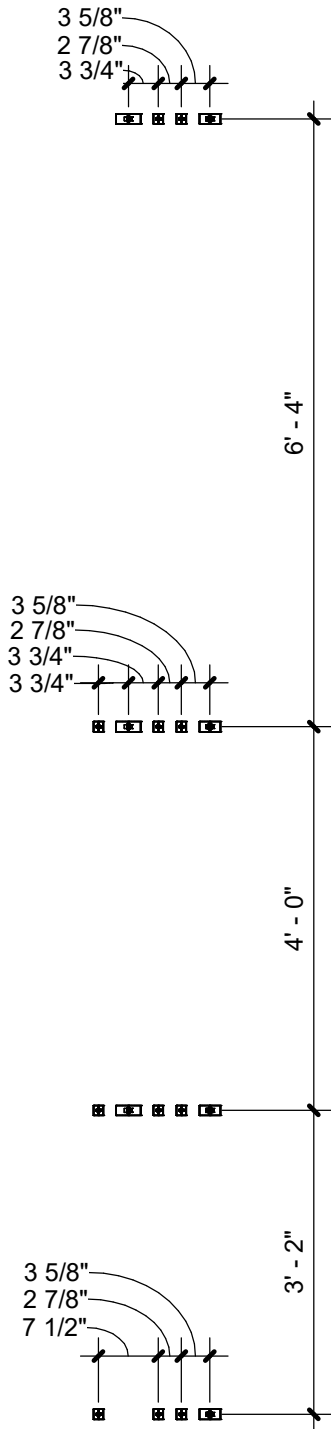
BIM 360://WUSM NRB\\WUSM_RB_PUF.rvt
10/27/2021 1:26:20 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	3	2.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
02	4	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
03	11	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					

1 ISOMETRIC
SCALE:

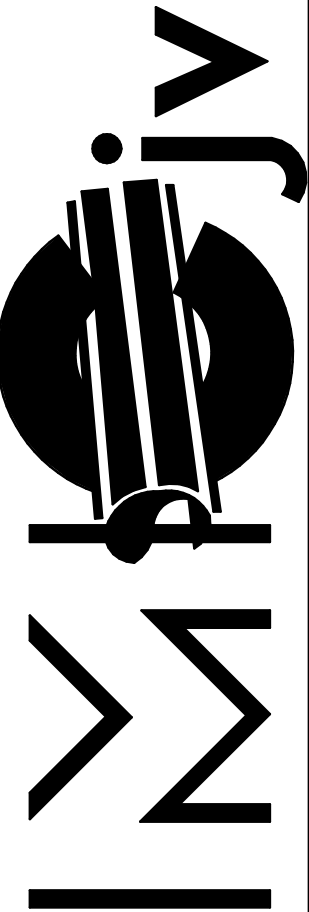


2 TOP VIEW
SCALE: 1/2" = 1'-0"



A1	A3	B1	B3
A2	A4	B2	B4

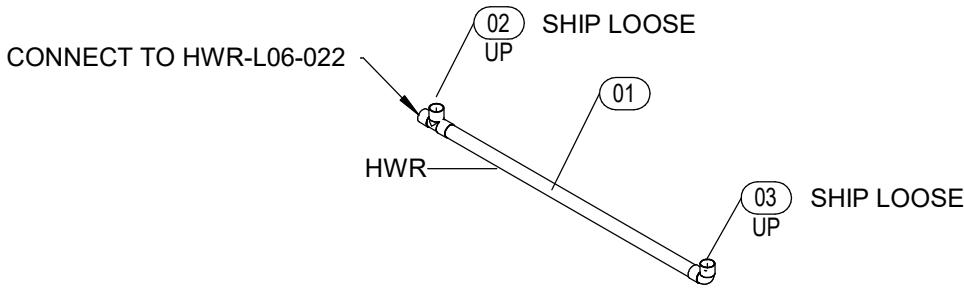
JOB:	WASH U NRB
TICKET:	PUHGR-L06-023
Drawn By: Author	
DATE: 10/22/21	DATE REQ:



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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
10/27/2021 8:17:22 AM

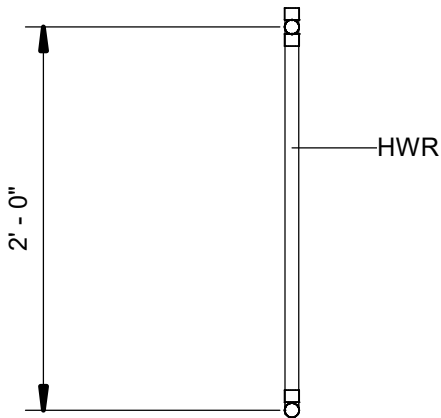
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type K Hard Copper Pipe	1'-11"				1"
02	1	3/4"	Nibco Wrot 611 CxCxC Tee					1"
03	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	2	3/4"	Generic Solder Joint					1"



1

ISOMETRIC

SCALE:



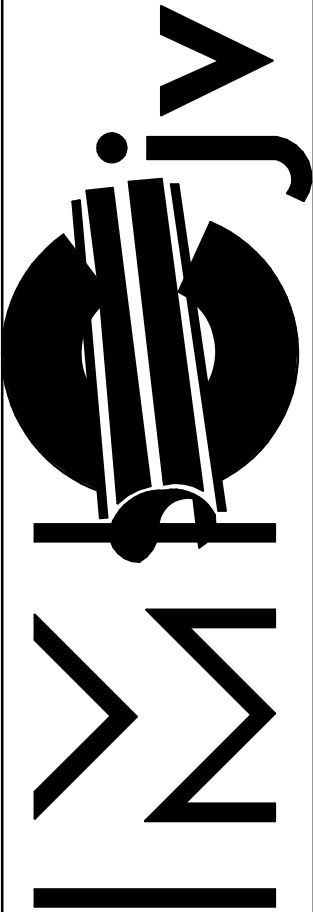
2

TOP VIEW

SCALE: 1" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

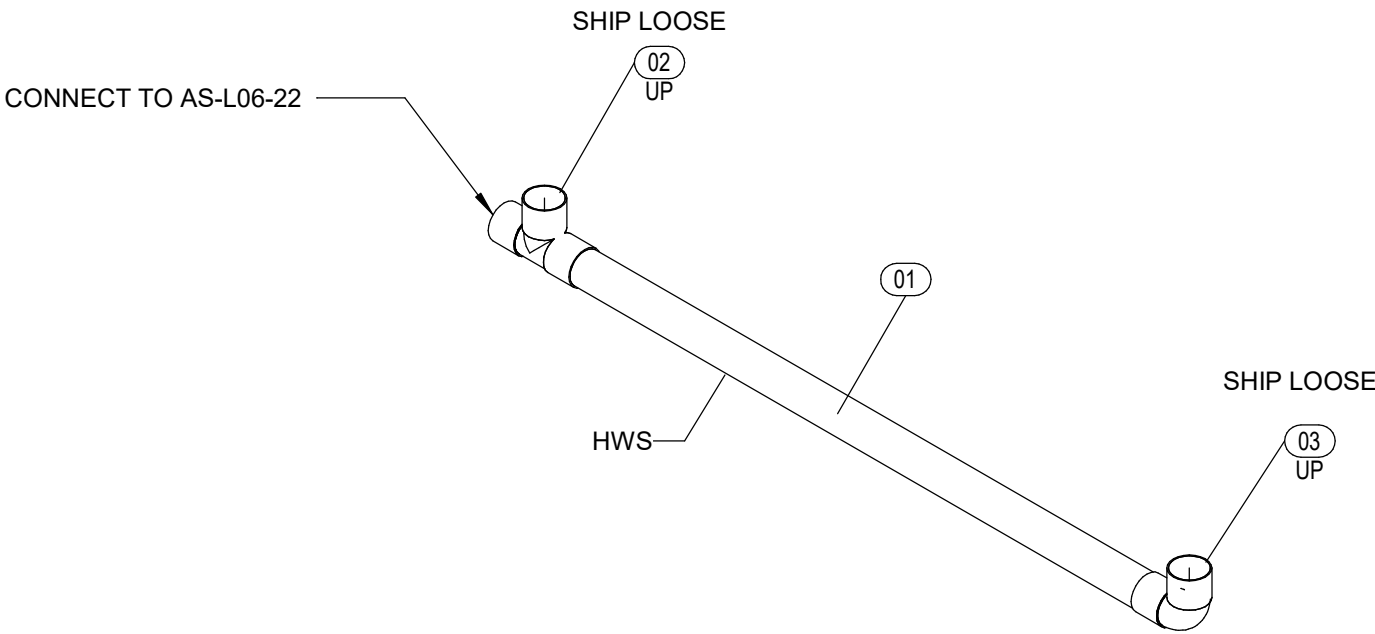
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TICKET:	HWR-L06-023
Drawn By: Author	
DATE: 10/10/21	DATE REQ:



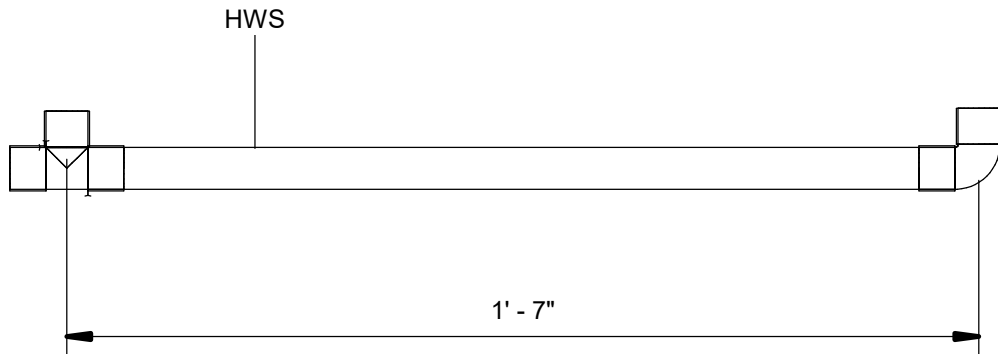
1233 N. Price Rd.
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10/27/2021 8:16:38 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type K Hard Copper Pipe	1'-6 1/16"				1"
02	1	3/4"	Nibco Wrot 611 CxCxC Tee					1"
03	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	3	3/4"	Generic Solder Joint					1"



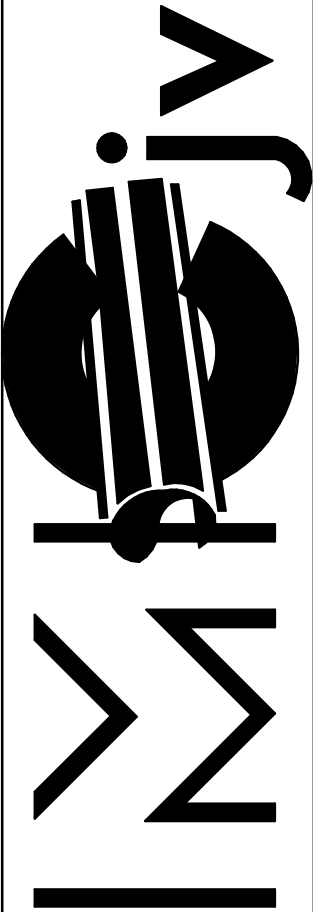
1 ISOMETRIC
SCALE:



2 FRONT VIEW
SCALE: 3" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

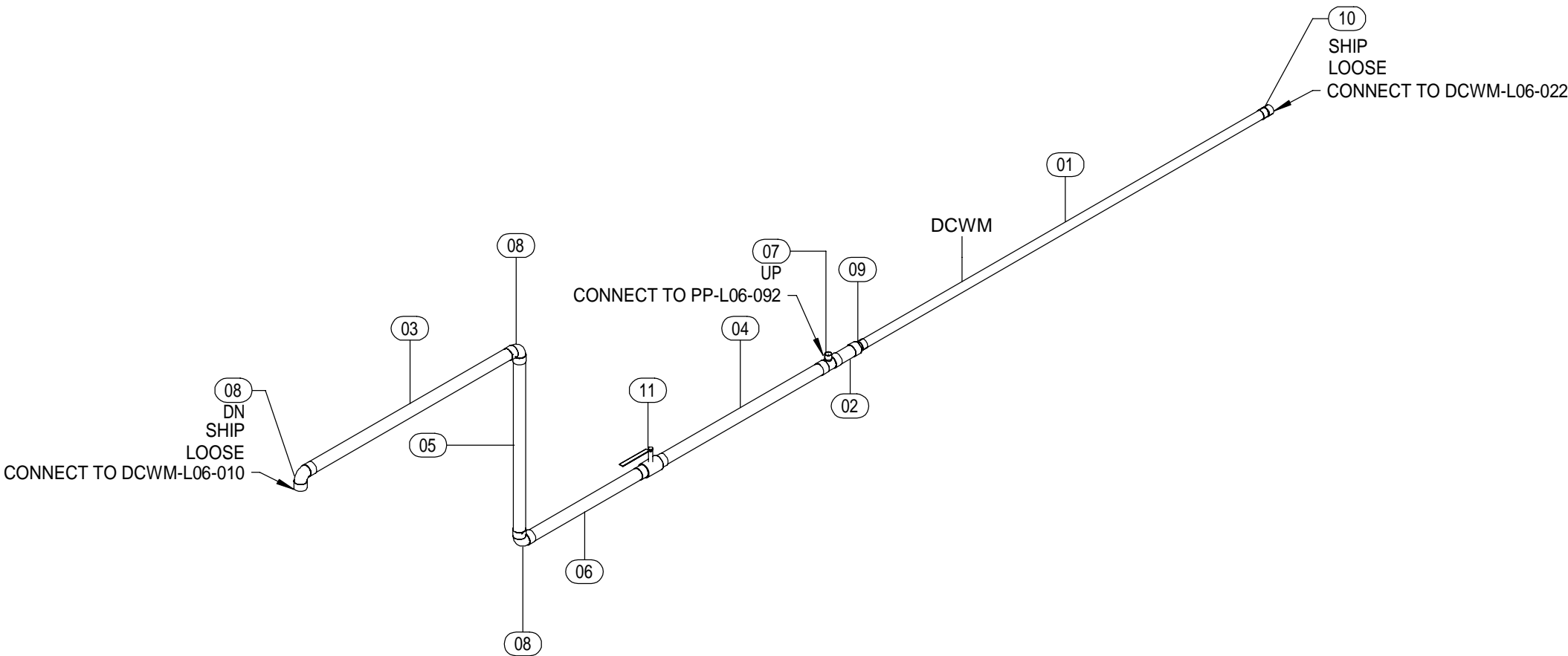
JOB:	WASH U NRB
TICKET:	HWS-L06-023
Drawn By: Author	
DATE: 10/10/21	DATE REQ:



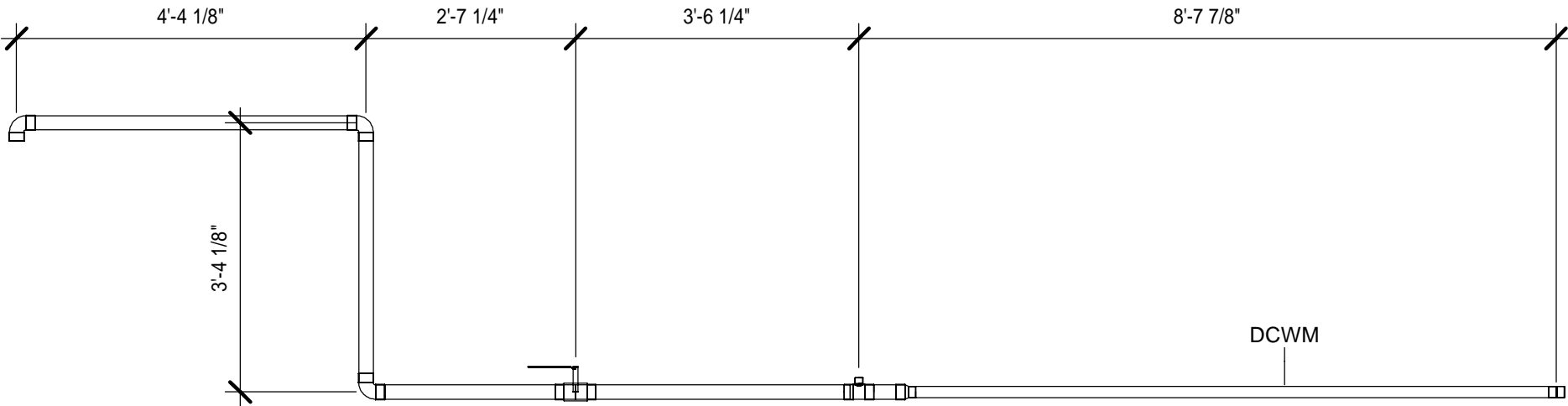
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314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
22-10-2021 17:54:39

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	8'-0 1/2"				1"
02	1	2"	Cerro Type L Hard Copper Pipe Pressure Pipe	0'-6"				1"
03	1	2"	Cerro Type L Hard Copper Pipe Pressure Pipe	4'-1 1/4"				1"
04	1	2"	Cerro Type L Hard Copper Pipe Pressure Pipe	3'-3 1/4"				1"
05	1	2"	Cerro Type L Hard Copper Pipe Pressure Pipe	3'-1 5/16"				1"
06	1	2"	Cerro Type L Hard Copper Pipe Pressure Pipe	2'-4 1/8"				1"
07	1	2"x1"x2"	Nibco Wrot 611R CxCxC Reducing Tee Pressure Pipe					1"
08	3	2"	Nibco Wrot 607 90 Deg Ell CxC Pressure Pipe					1"
09	1	2"x1 1/2"	Nibco Wrot 600R Red Cplg CxC					1"
10	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
11	1	2"	Apollo 77CLF-140 LF-Brz 2pc FP SS-B&S Ball Valve Swt					1"



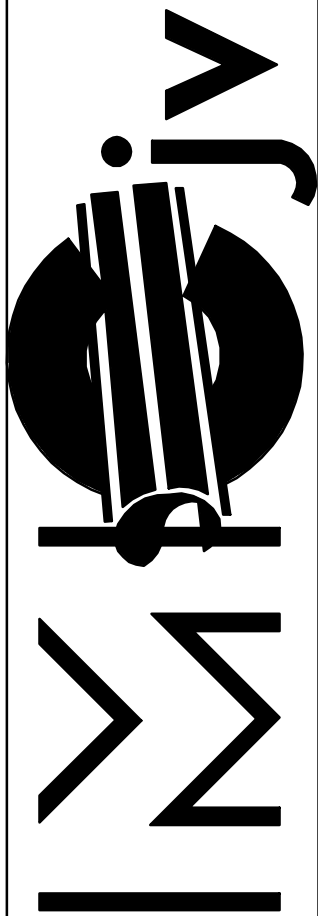
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

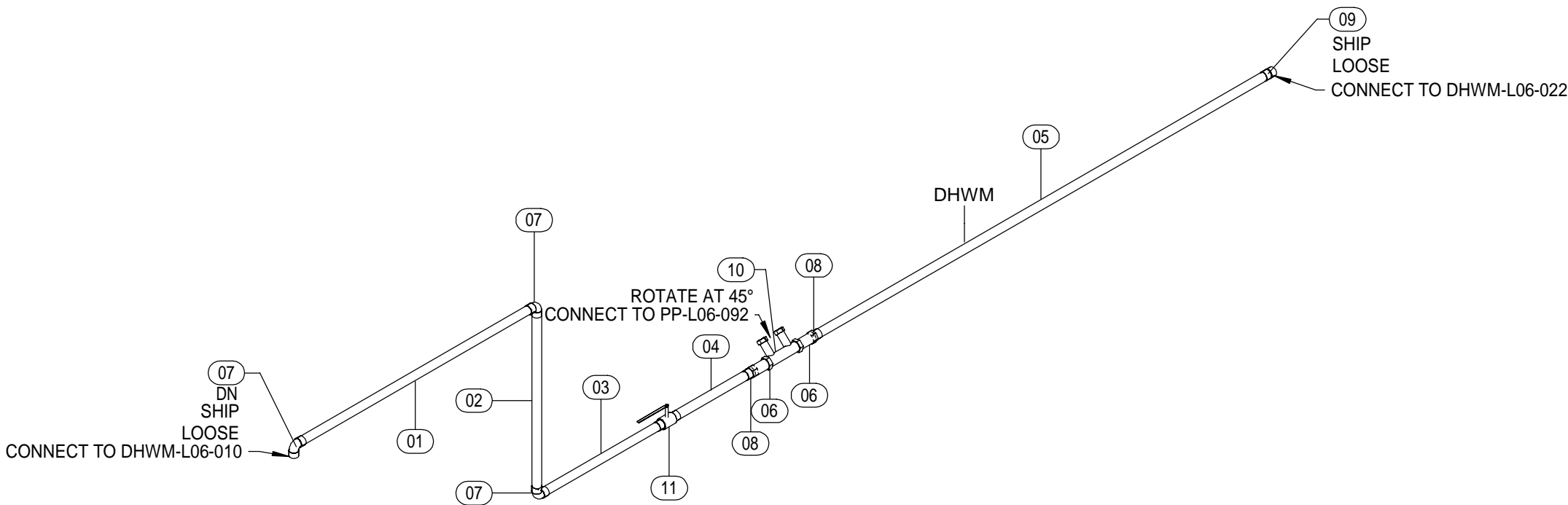
JOB: WASH U NRB	TICKET: DCWM-L06-023	Drawn By: Author	DATE: 10/22/21
			DATE REQ:



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St. Louis, Mo 63132-2303
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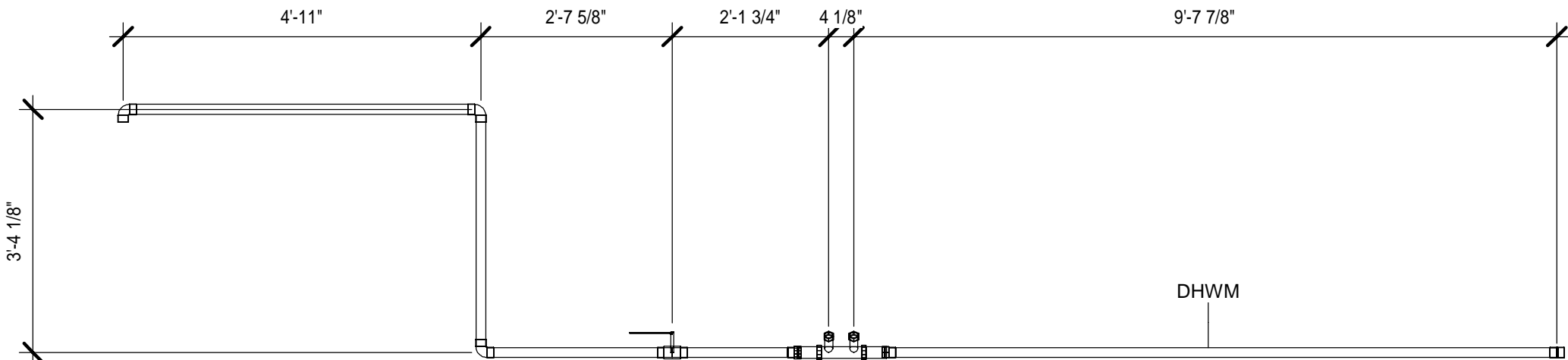
BIM 360://WUSM NRB\\WUSM_RB_PLF.rvt
22-10-2021 17:48:52

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	4'-8 7/8"				2"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	3'-2 1/16"				2"
03	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	2'-5 3/16"				2"
04	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	1'-6 11/16"				2"
05	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	9'-2 1/8"				2"
06	2	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting Pressure Pipe					2"
07	3	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC Pressure Pipe					2"
08	2	1 1/2"	Nibco Wrot 603 Adapter CxF Pressure Pipe					2"
09	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"
10	1	1 1/2"x1"	Kemper Kemper Fig651 20 KHS Flow-Splitter FPT Pressure Pipe					2"
11	1	1 1/2"	Apollo 77CLF-140 LF-Brz 2pc FP SS-B&S Ball Valve Swt					1"



1 ISOMETRIC

SCALE:

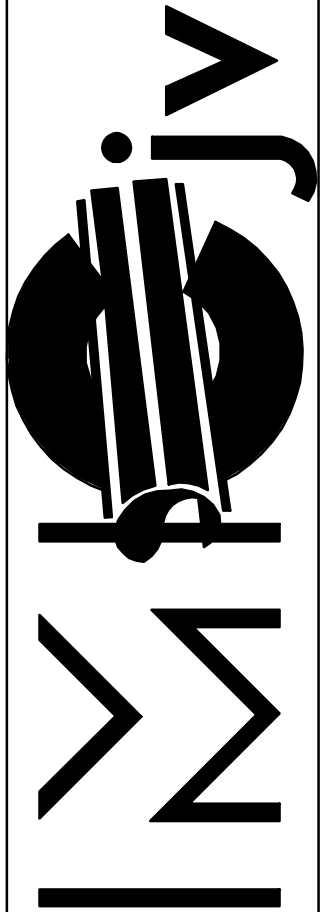


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

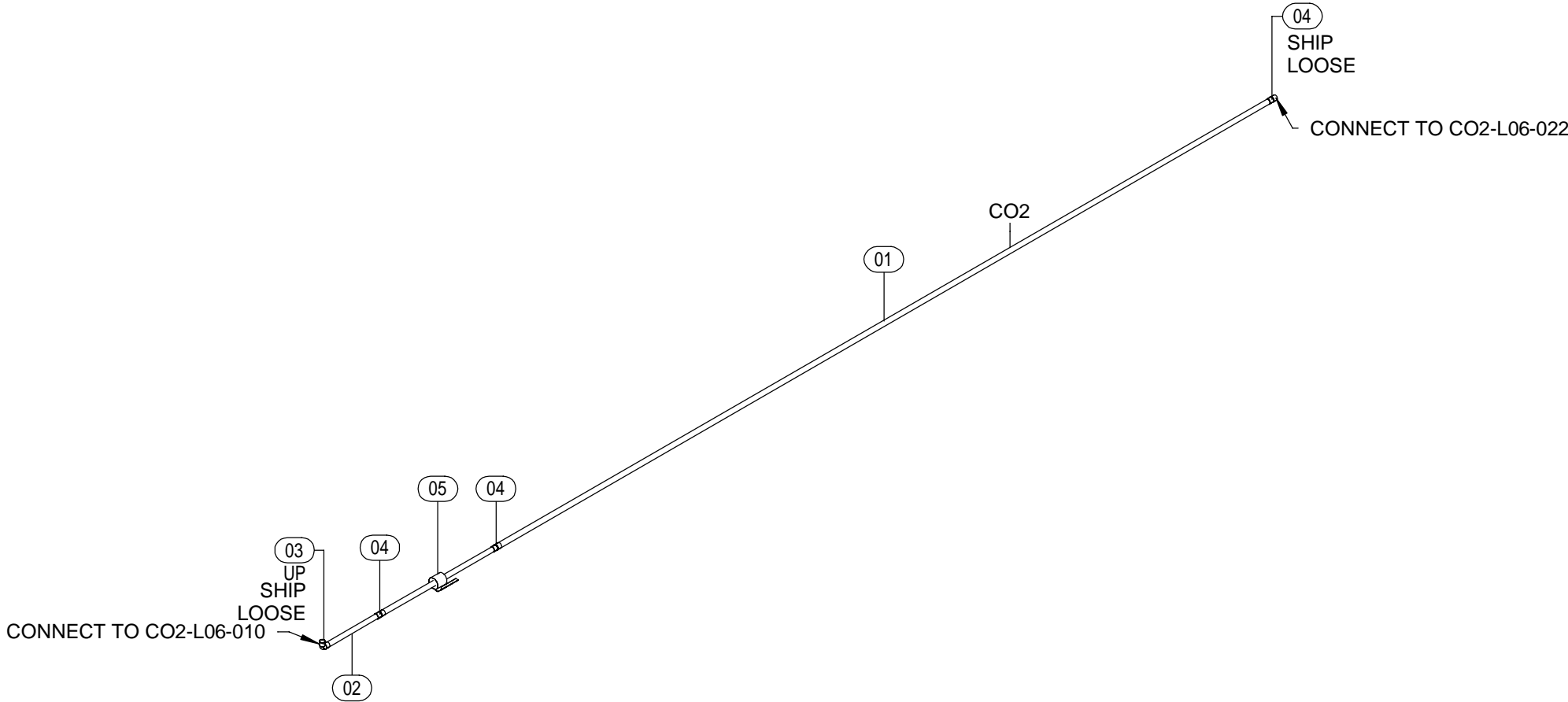
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TICKET: DHWM-L06-023
Drawn By: Author
DATE: 10/22/21
DATE REQ:



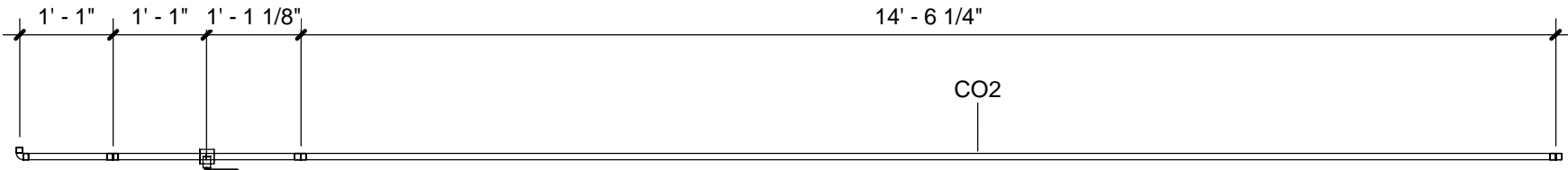
1233 N. Price Rd.
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314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
22-10-2021 18:22:38

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	14'-6 3/16"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-0 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					



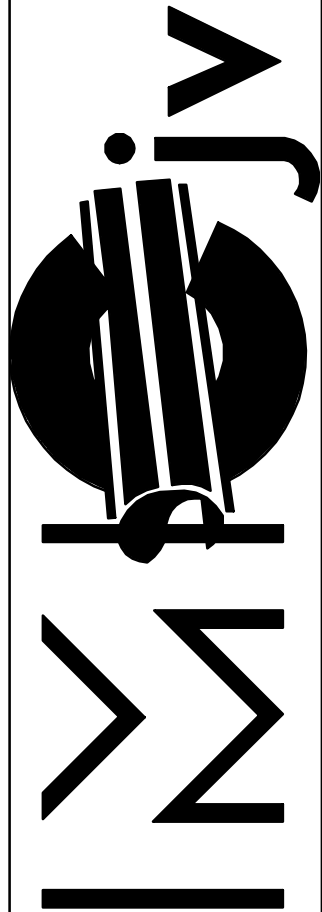
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	CO2-L06-023
Drawn By: Author	
DATE: 10/22/21	DATE REQ:



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314-997-6600 phone

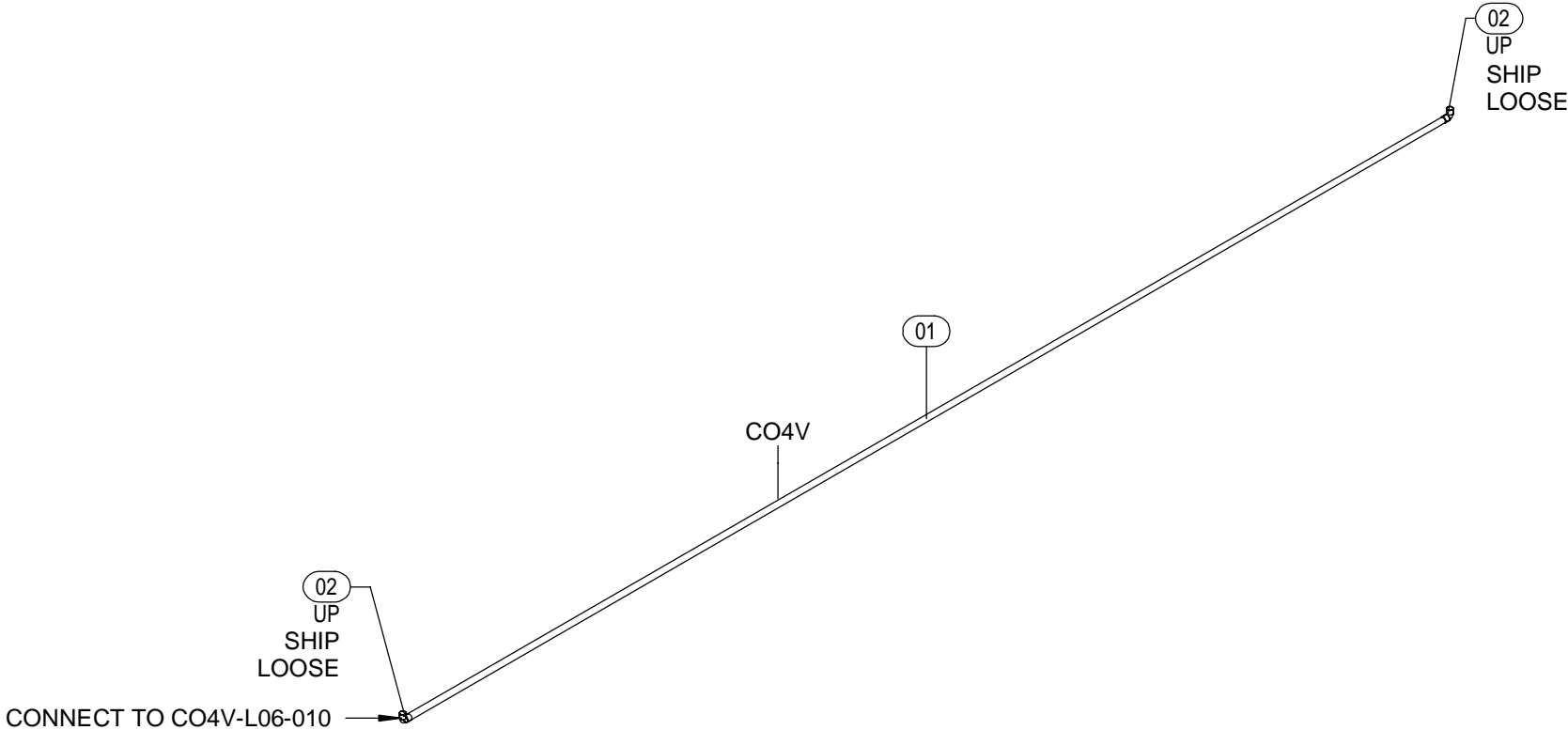
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22-10-2021 18:42:47

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	16'-4 1/8"				
02	2	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					

1

ISOMETRIC

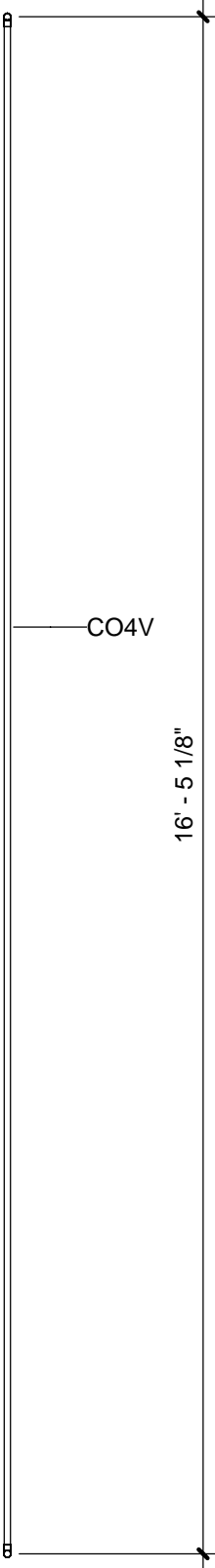
SCALE:



2

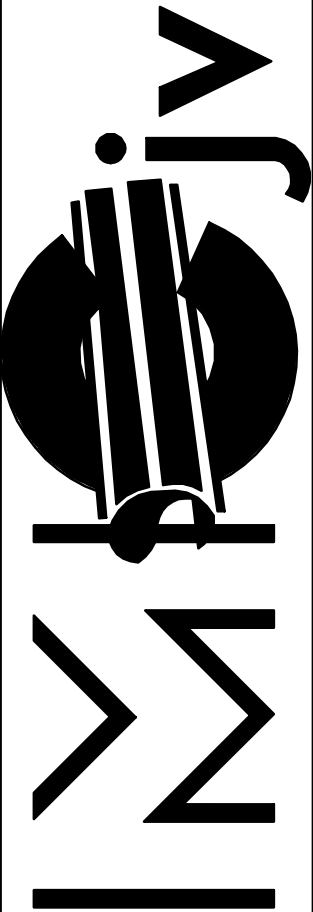
TOP VIEW

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



A1	A3	B1	B3
A2	A4	B2	B4

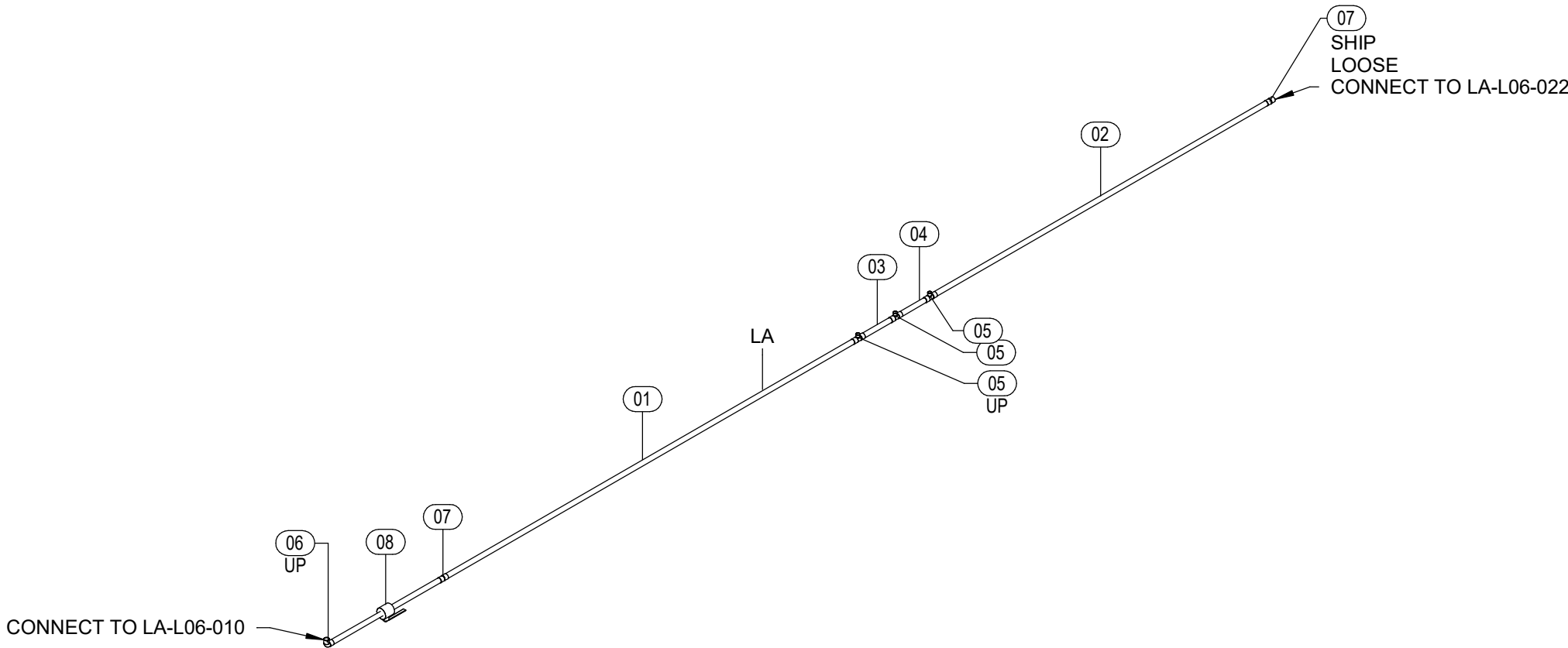
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TICKET:	CO4V-L06-023
Drawn By: Author	
DATE: 10/22/21	DATE REQ:



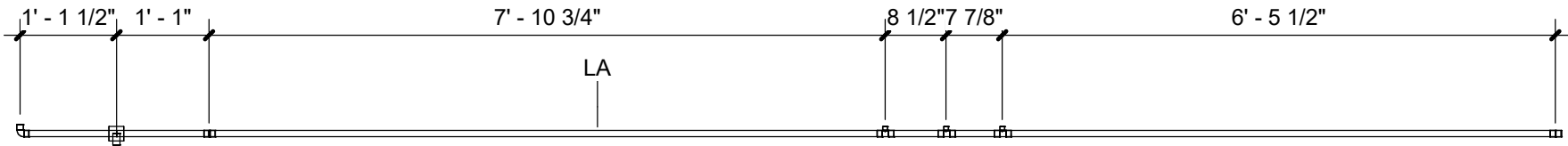
1233 N. Price Rd.
St. Louis, Mo 63132-2303
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
1/17/2022 2:16:36 PM

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



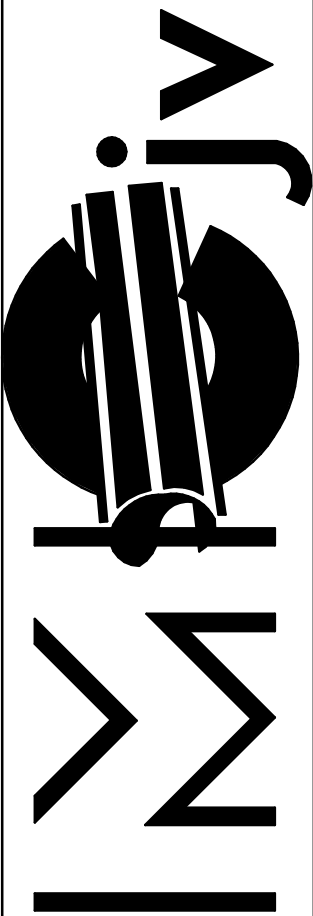
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

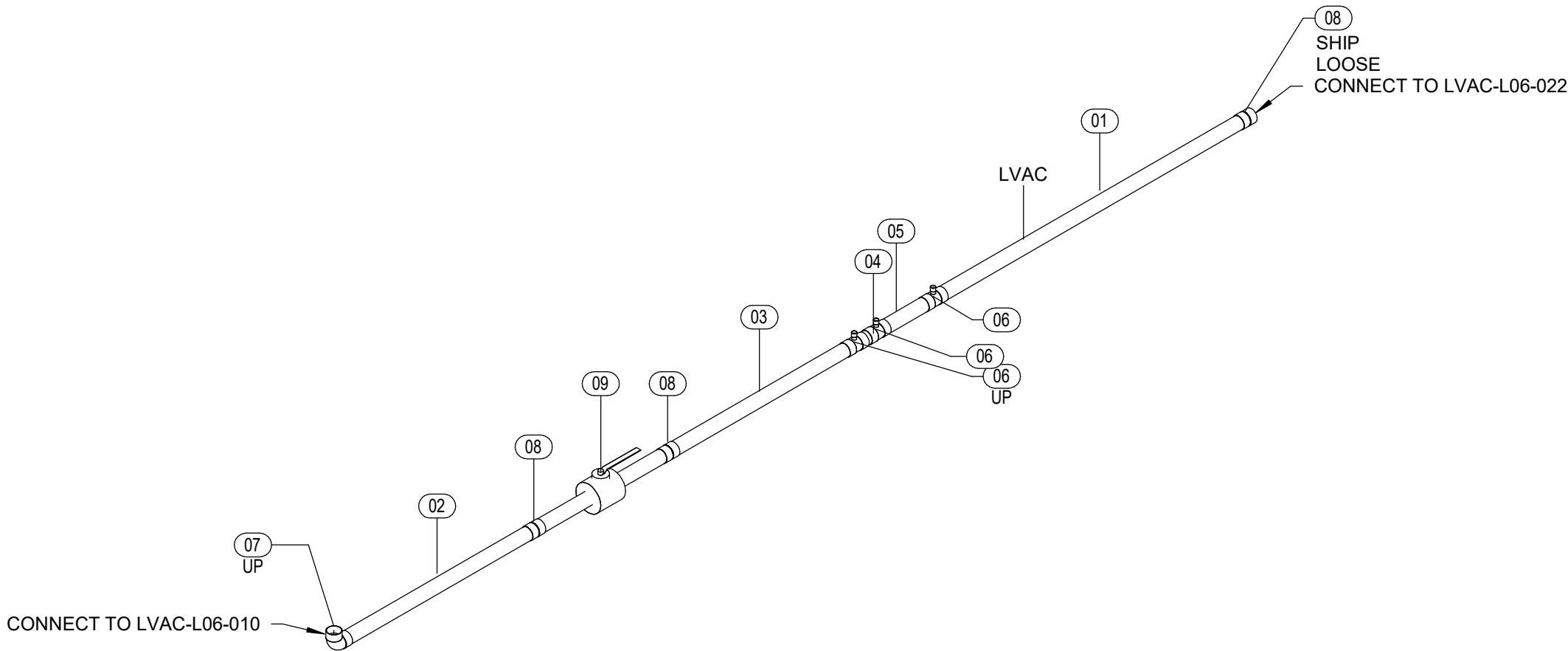
JOB: WASH U NRB	TICKET: LA-L06-023	Drawn By: Author	DATE REQ: 10/22/21
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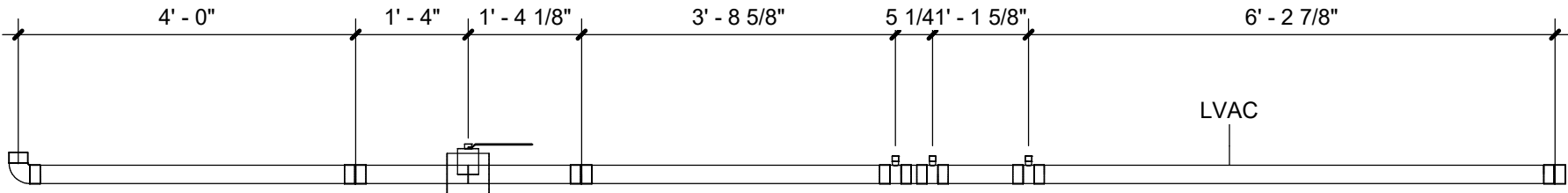
BIM 360://WUSM NRBWUSM_RB_PUF.rvt
1/17/2022 2:17:19 PM

Mark	Qty	Size	Description	Length	Insulation
01	1	2 1/2"	Cerro Type L Hard Copper - CFOS	6'-2"	
02	1	2 1/2"	Cerro Type L Hard Copper - CFOS	3'-10 1/4"	
03	1	2 1/2"	Cerro Type L Hard Copper - CFOS	3'-7 7/8"	
04	1	2 1/2"	Cerro Type L Hard Copper - CFOS	0'-3 3/4"	
05	1	2 1/2"	Cerro Type L Hard Copper - CFOS	1'-0 1/8"	
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:

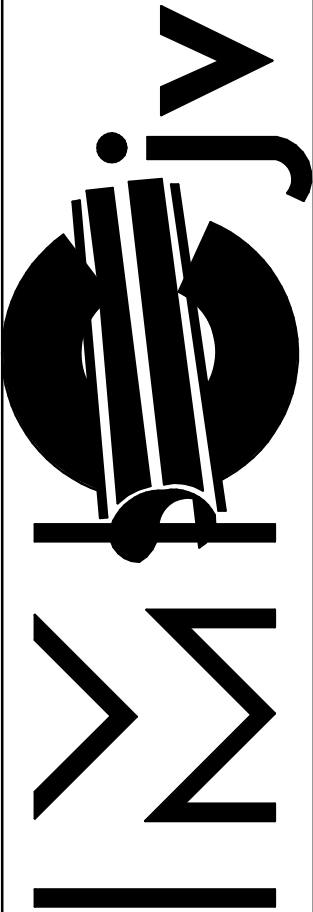


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

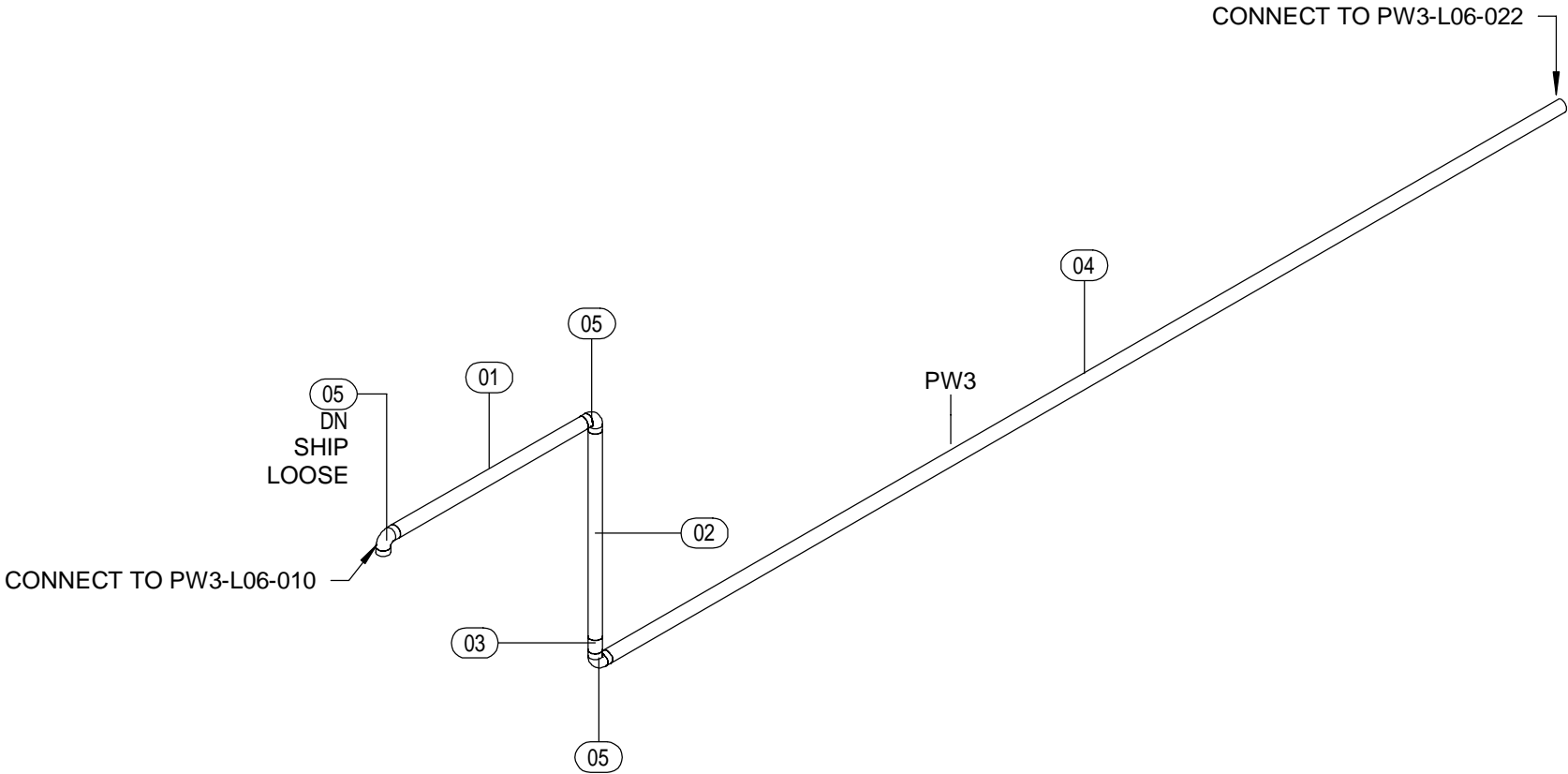
JOB: WASH U NRB	TICKET: LVAC-L06-023	Drawn By: Author	DATE REQ: 10/22/21
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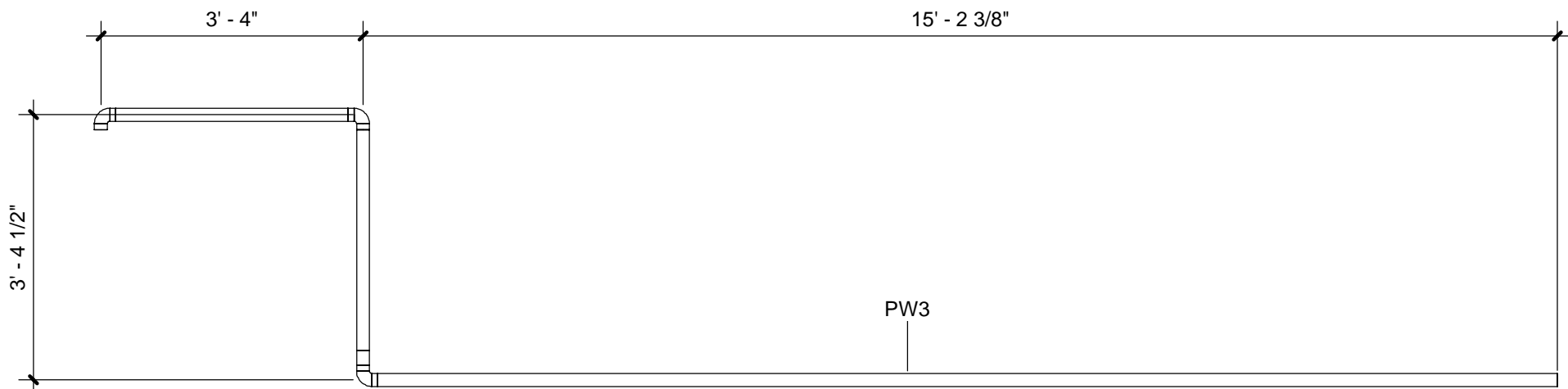
1233 N. Price Rd.
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BIM 360//WUSM NRBWUSM_RB_PUF.rvt
22-10-2021 18:04:55

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'-11 7/16"				
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					



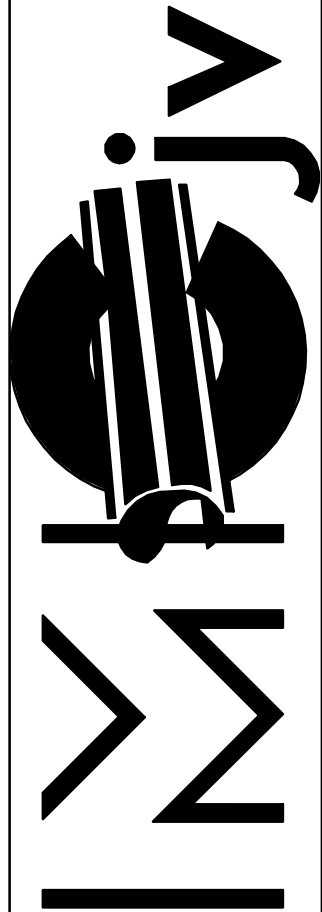
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW3-L06-023
Drawn By: Author	
DATE: 10/22/21	DATE REQ:



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