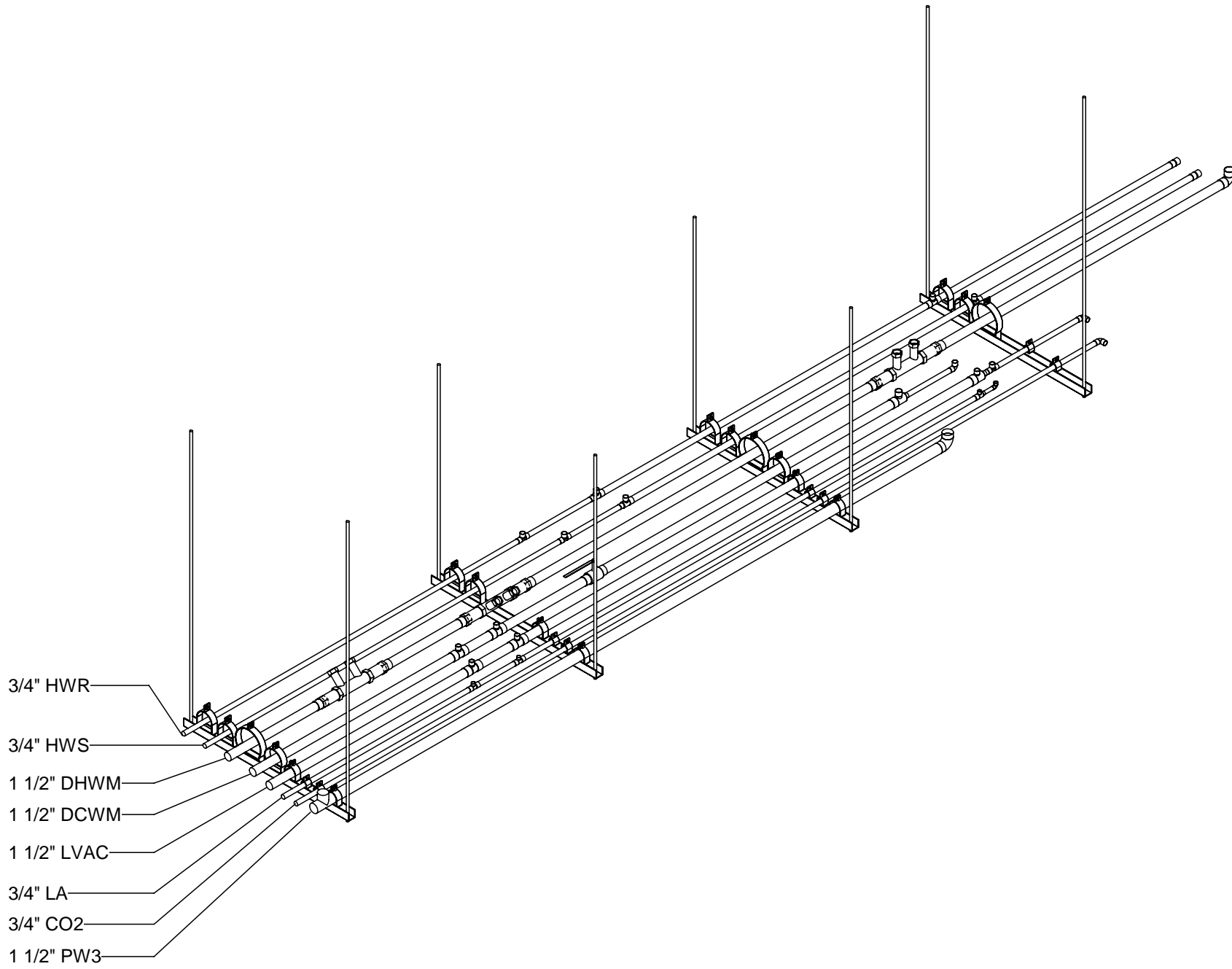
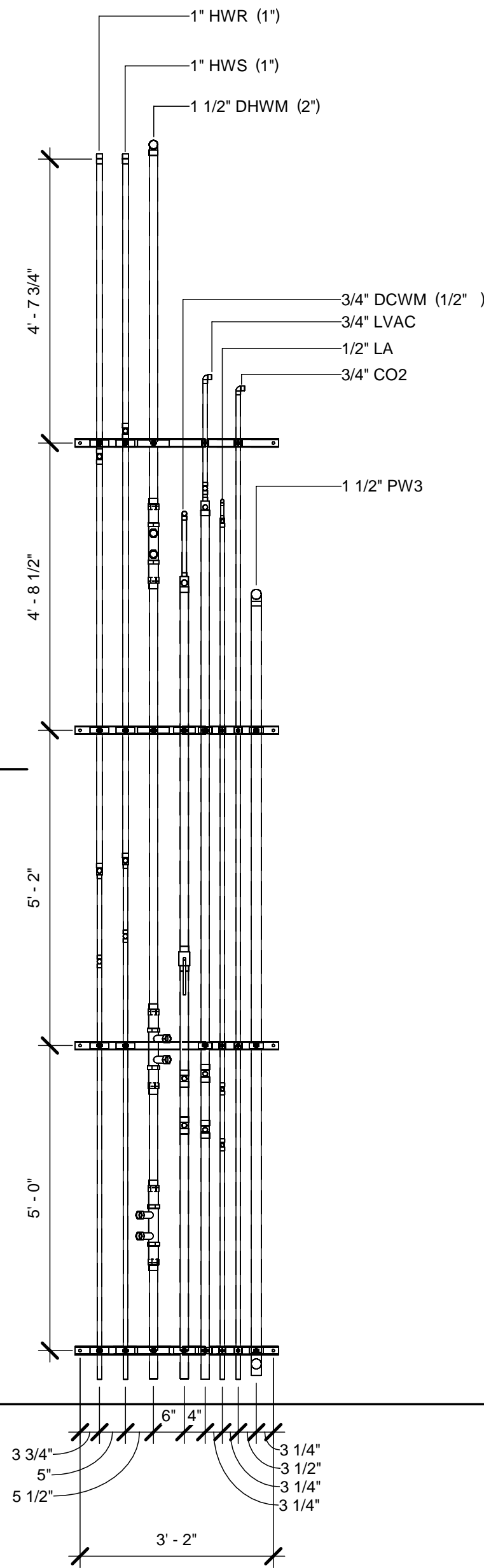


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18-11-2021 16:48:53



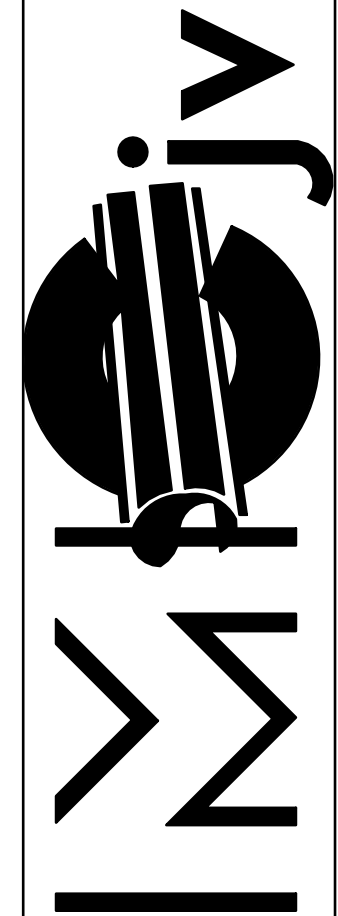
1 AS-L07-059 - ISOMETRIC
AS-L07-059 SCALE:



2 AS-L07-059
AS-L07-059 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	AS-L07-059
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



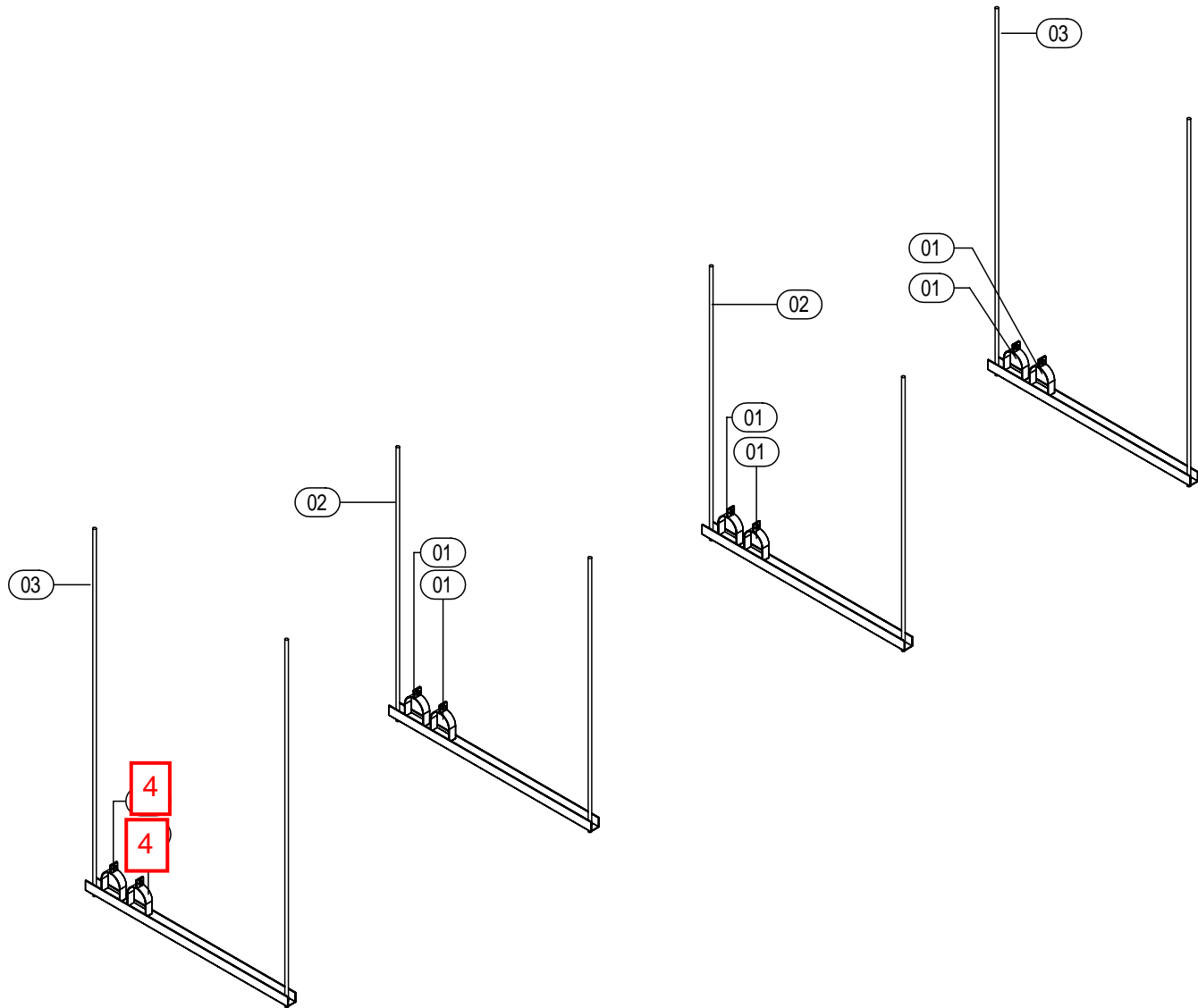
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360/WUSM NRBWUSM_RB_HPE.rvt
18-11-2021 17:16:28

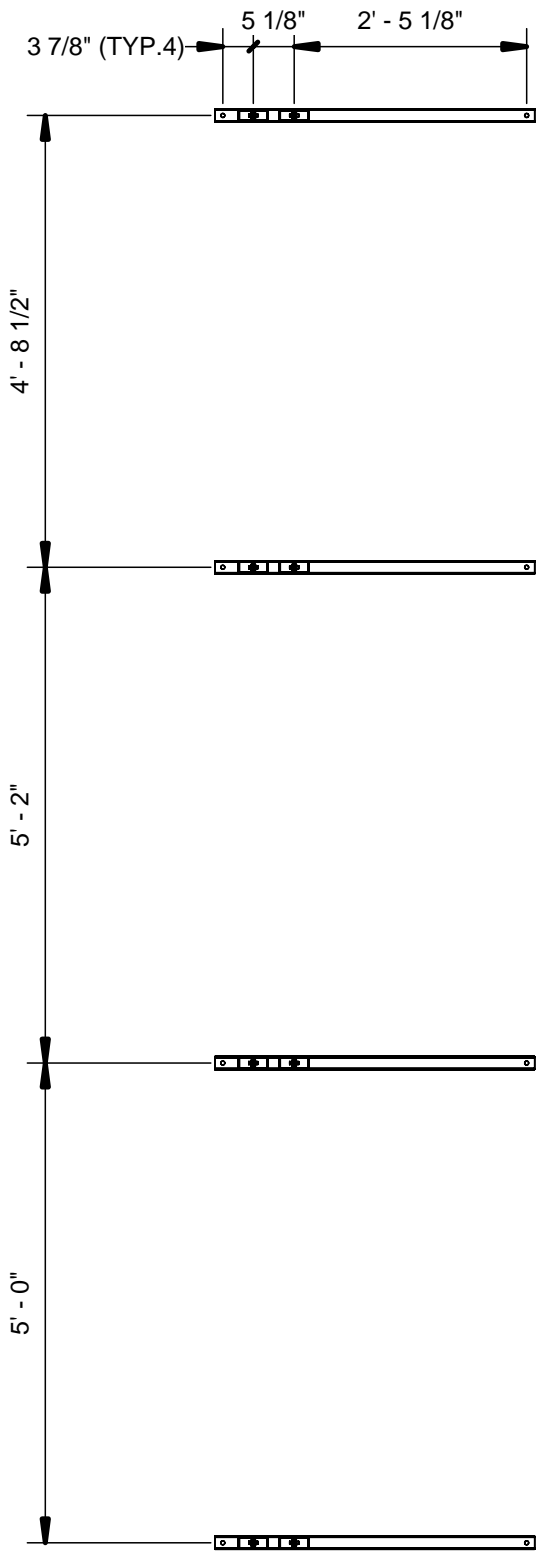
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	0	3"	B-Line D20000 ZN Sch 40 Pipe Clamp		0"		0"	
02	2	36"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		3' - 4"	3' - 10 15/16"	3' - 10 15/16"	
03	2	36"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		3' - 4"	5' - 2 15/16"	5' - 2 15/16"	

04 2 2 7/8" B Line #2014

01 6 3 1/8" B Line #2020



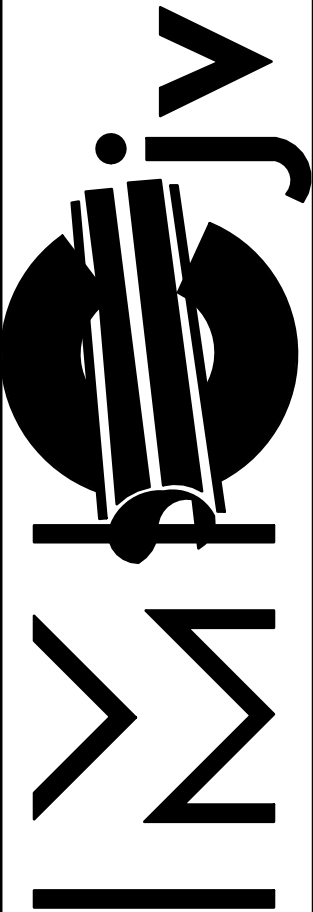
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	HPHGR-L07-059
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



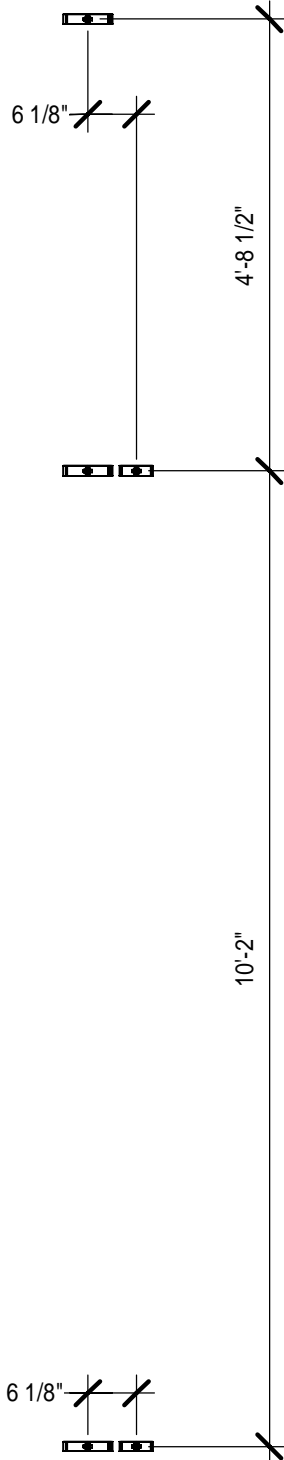
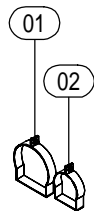
1233 N. Price Rd.
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BIM 360://WUSM NRB/WUSM_RB_PLF.rvt
18-11-2021 11:08:45

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	3	5.13"	B Line B2000 Series - OB Pipe and Conduit		0"		0"	
02	2	3.63"	B Line B2000 Series - OB Pipe and Conduit		0"		0"	

01	3	5 5/8"	B Line #2066
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02	2	3 5/8"	B Line #2050
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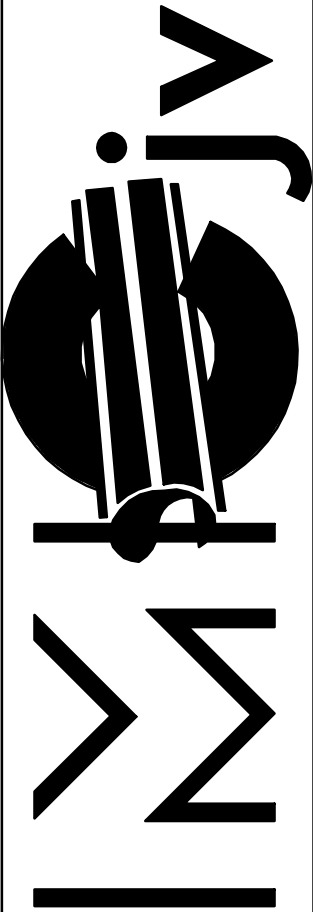


1 ISOMETRIC
SCALE:

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PPHGR-L07-059
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



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18-11-2021 12:39:36

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	6	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
02	4	1"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
03	4	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	

1

ISOMETRIC

SCALE:

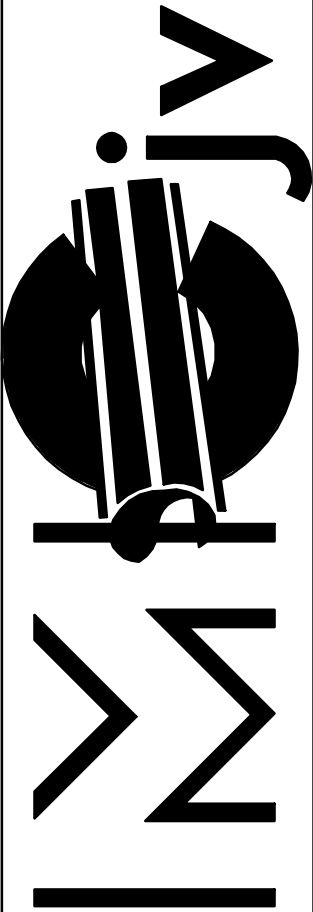
2

TOP VIEW

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

A1	A3	B1	B3
A2	A4	B2	B4

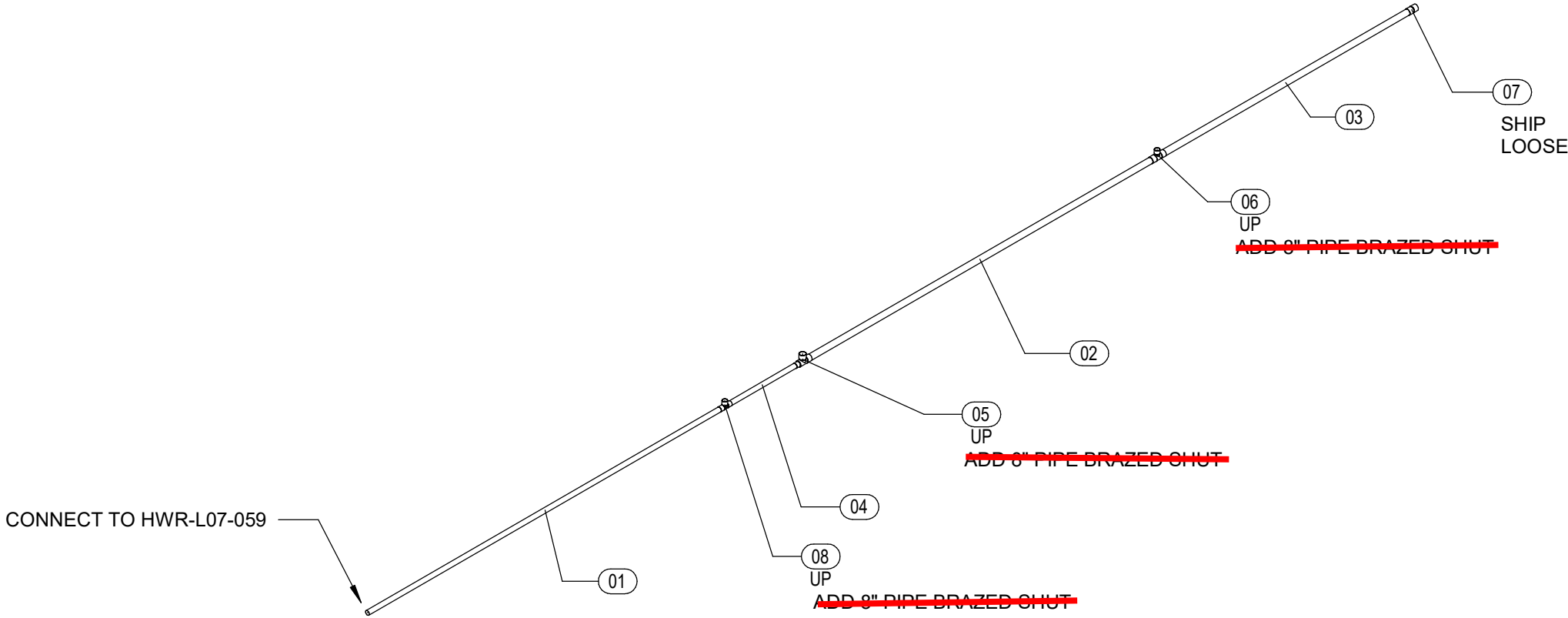
JOB:	WASH U NRB
TICKET:	PUHGR-L07-059
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



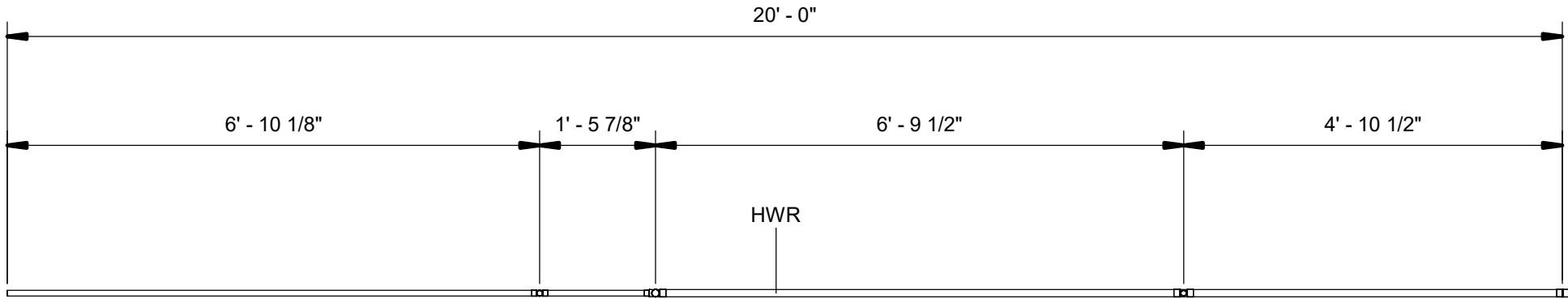
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314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
12/1/2021 3:00:09 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type K Hard Copper Pipe	6'-9 11/16"				1"
02	1	1"	Cerro Type K Hard Copper Pipe	6'-8 3/16"				1"
03	1	1"	Cerro Type K Hard Copper Pipe	4'-9 7/8"				1"
04	1	3/4"	Cerro Type K Hard Copper Pipe	1'-4 7/16"				1"
05	1	1"x3/4"x1"	Nibco Wrot 611R CxCxC Reducing Tee					1"
06	1	1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
07	1	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
08	1	3/4"	Elkhart 111 Wrot Tee					1"



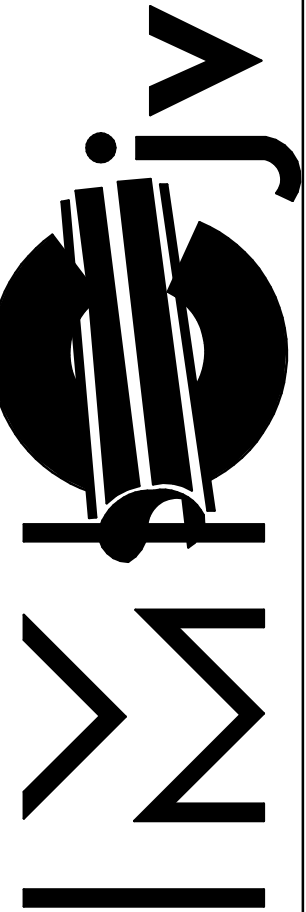
1 ISOMETRIC1
SCALE:



2 TOP VIEW1
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

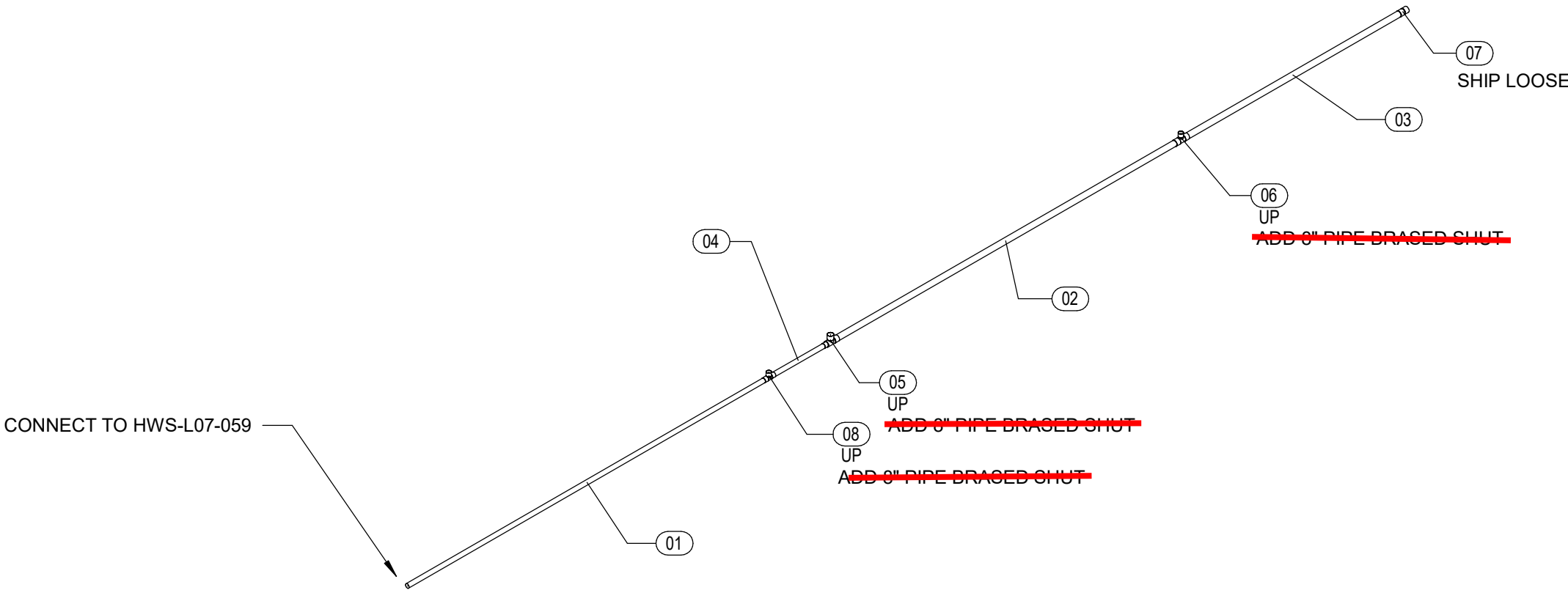
JOB:	WASH U NRB
TICKET:	HWR-L07-059
Drawn By: Author	
DATE: 11/12/21	DATE REQ:



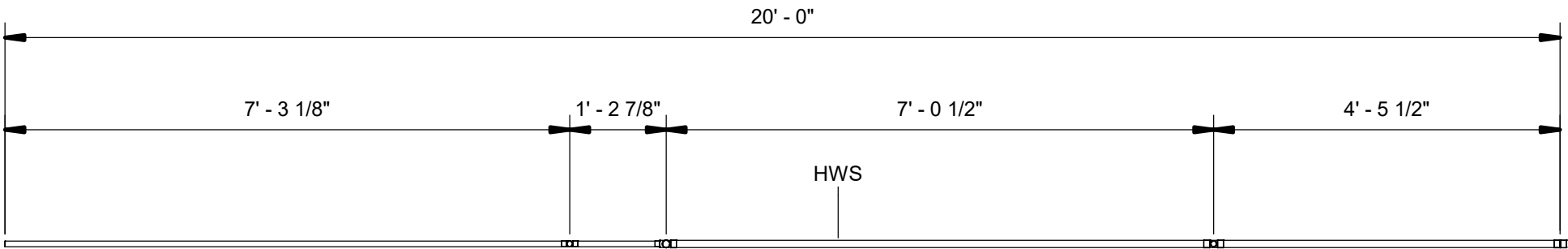
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12/11/2021 3:09:49 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type K Hard Copper Pipe	7'-2 11/16"				1"
02	1	1"	Cerro Type K Hard Copper Pipe	6'-11 3/16"				1"
03	1	1"	Cerro Type K Hard Copper Pipe	4'-4 7/8"				1"
04	1	3/4"	Cerro Type K Hard Copper Pipe	1'-1 7/16"				1"
05	1	1"x3/4"x1"	Nibco Wrot 611R CxCxC Reducing Tee					1"
06	1	1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
07	1	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
08	1	3/4"	Elkhart 111 Wrot Tee					1"



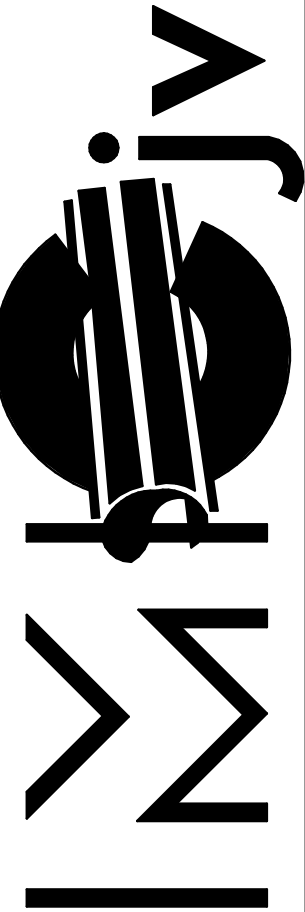
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

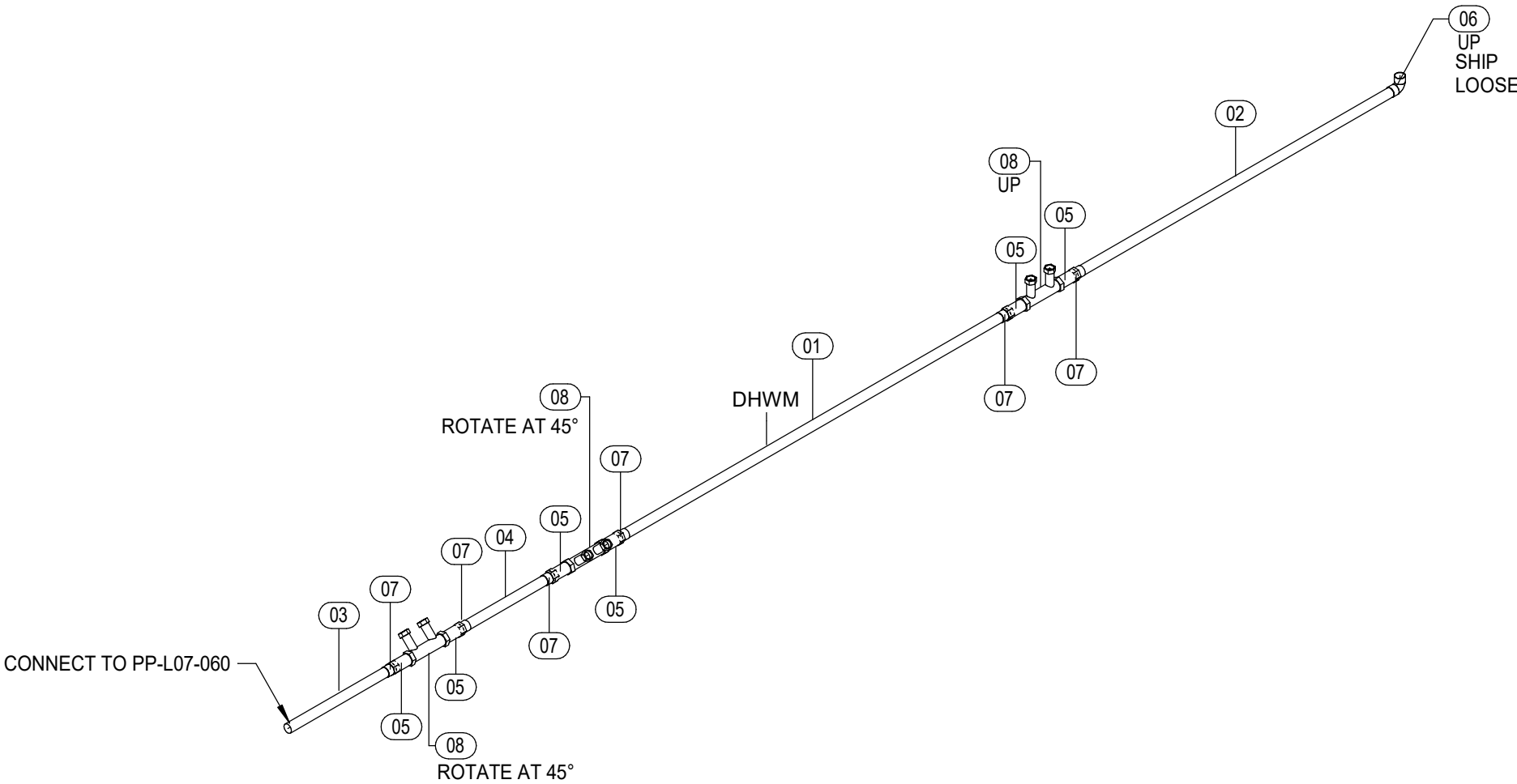
JOB:	WASH U NRB
TICKET:	HWS-L07-059
Drawn By: Author	
DATE: 11/12/21	DATE REQ:



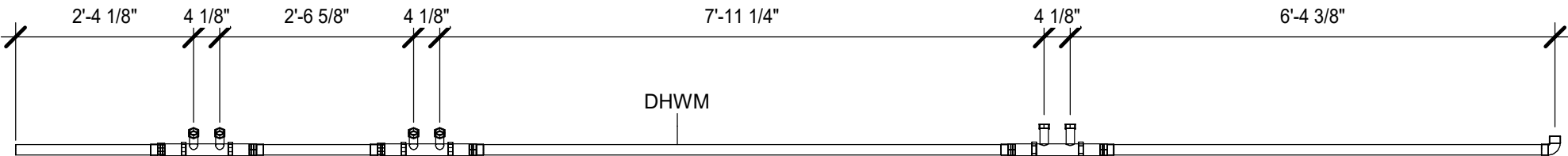
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Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	6'-11 13/16"				2"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	5'-9 5/8"				2"
03	1	1 1/2"	Cerro Type L Hard Copper Pipe	1'-10 3/8"				2"
04	1	1 1/2"	Cerro Type L Hard Copper Pipe	1'-7 1/16"				2"
05	6	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting					2"
06	1	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC					2"
07	6	1 1/2"	Nibco Wrot 603 Adapter CxF					2"
08	3	1 1/2"x1"	Kemper Kemper Fig651 20 KHS Flow-Splitter FPT					2"



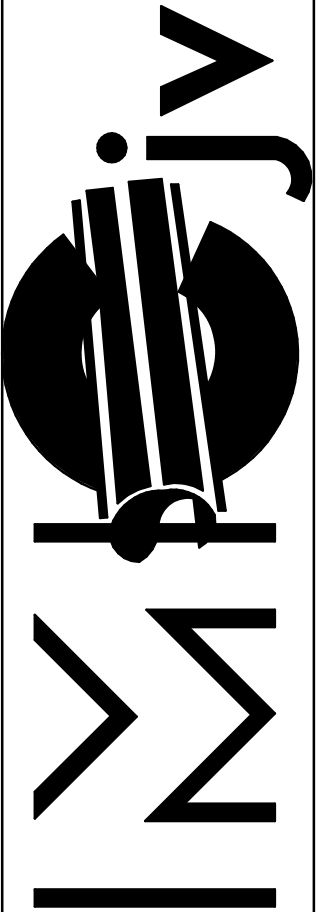
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

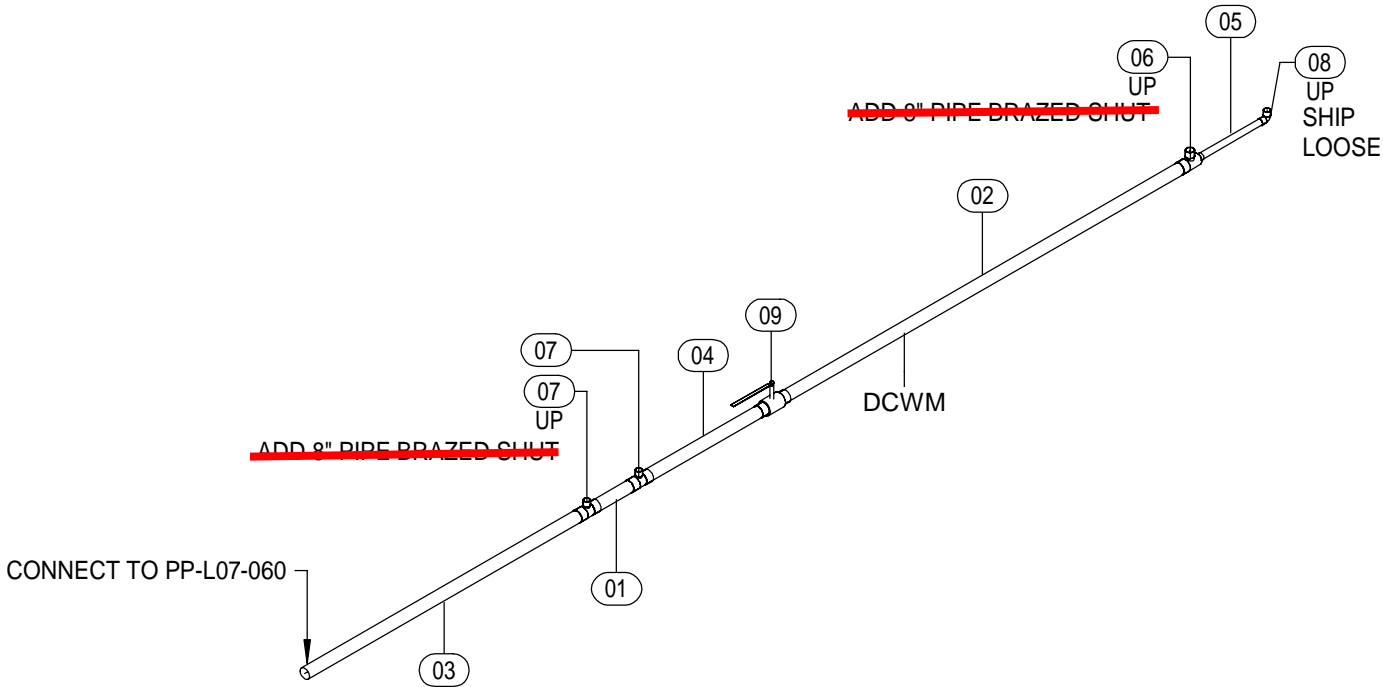
JOB:	WASH U NRB
TICKET:	DHWM-L07-059
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



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

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
18-11-2021 11:05:20

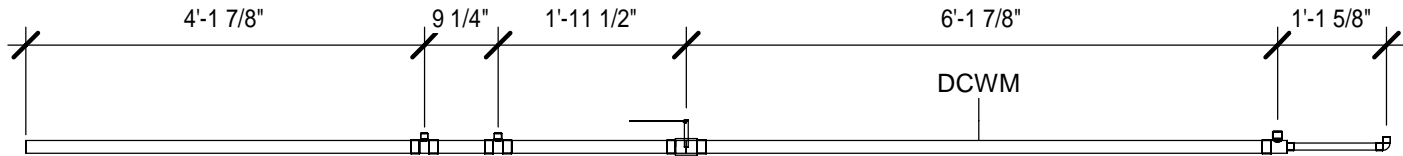
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	0'-8"				1"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	5'-11 13/16"				1"
03	1	1 1/2"	Cerro Type L Hard Copper Pipe	4'-1 1/4"				1"
04	1	1 1/2"	Cerro Type L Hard Copper Pipe	1'-9 5/8"				1"
05	1	3/4"	Cerro Type L Hard Copper Pipe	0'-11 7/8"				1/2"
06	1	1 1/2"x3/4"x1"	Nibco Wrot 611R CxCxC Reducing Tee					1"
07	2	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
08	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1/2"
09	1	1 1/2"	Apollo 77CLF-140 LF-Brz 2pc FP SS-B&S Ball Valve Swt					1"



1

ISOMETRIC

SCALE:



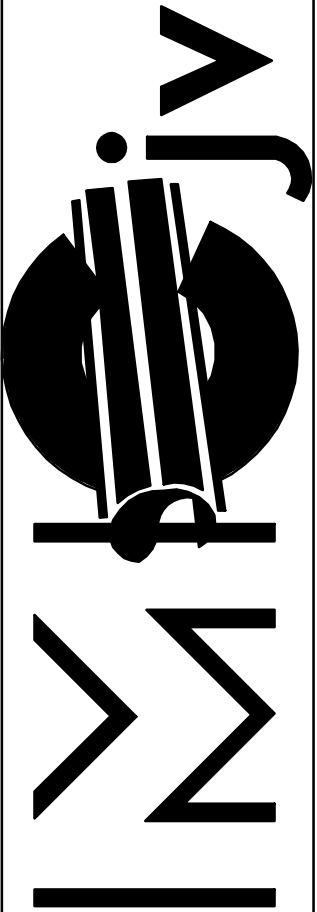
2

RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	DCWM-L07-059
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



1233 N. Price Rd.
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18-11-2021 12:30:42

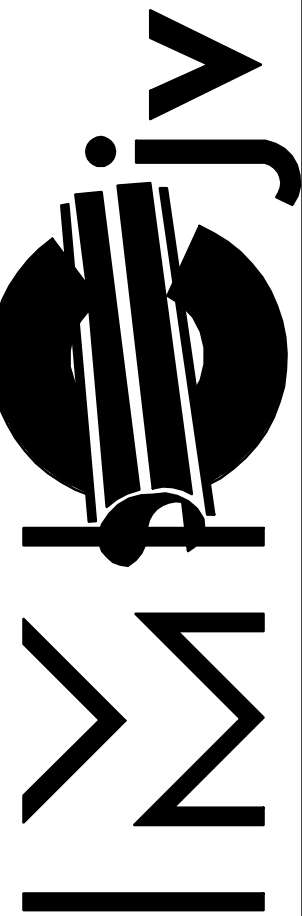
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	16'-2 7/16"				
02	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					

JOB: WASH U NRB

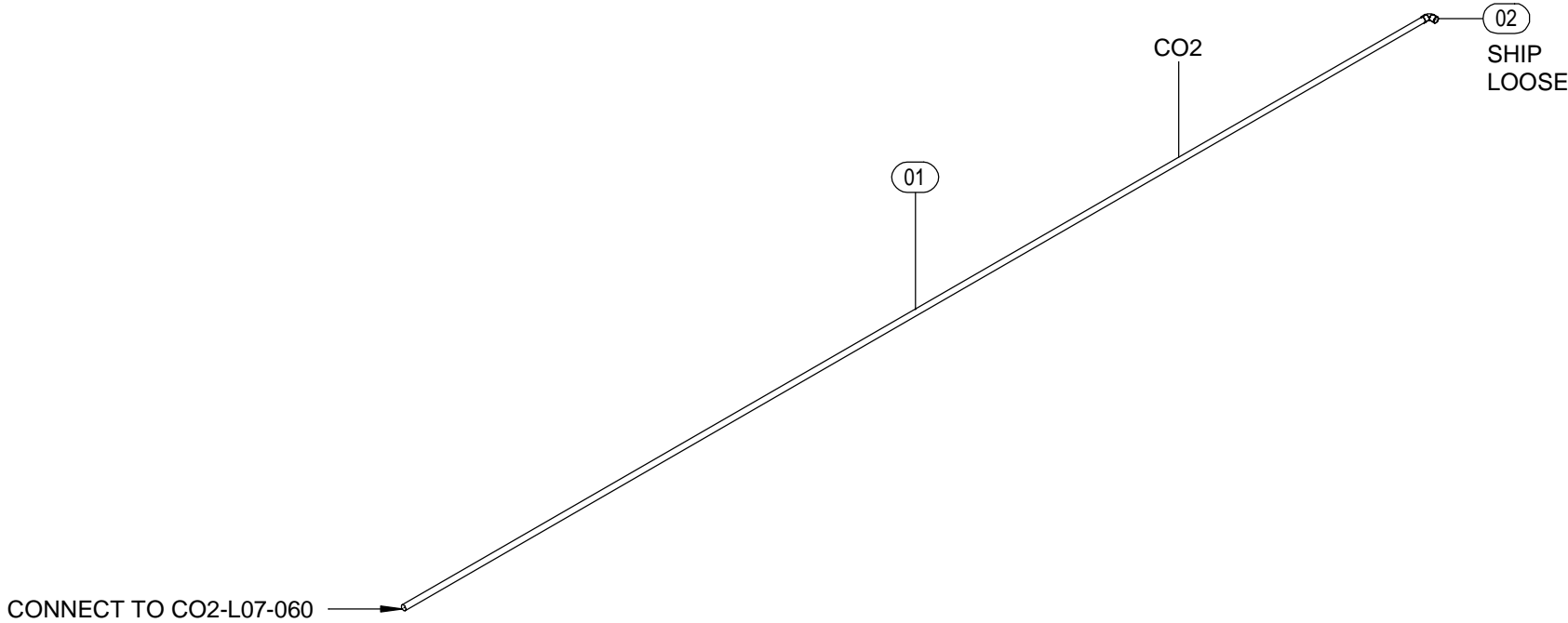
TICKET: CO2-L07-059

Drawn By: Author

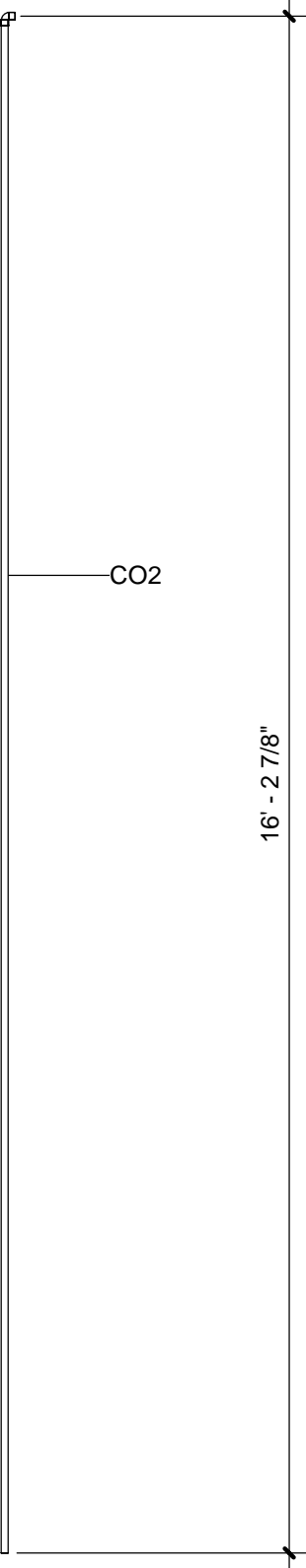
DATE REQ: 11/18/21



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



1 ISOMETRIC
SCALE:

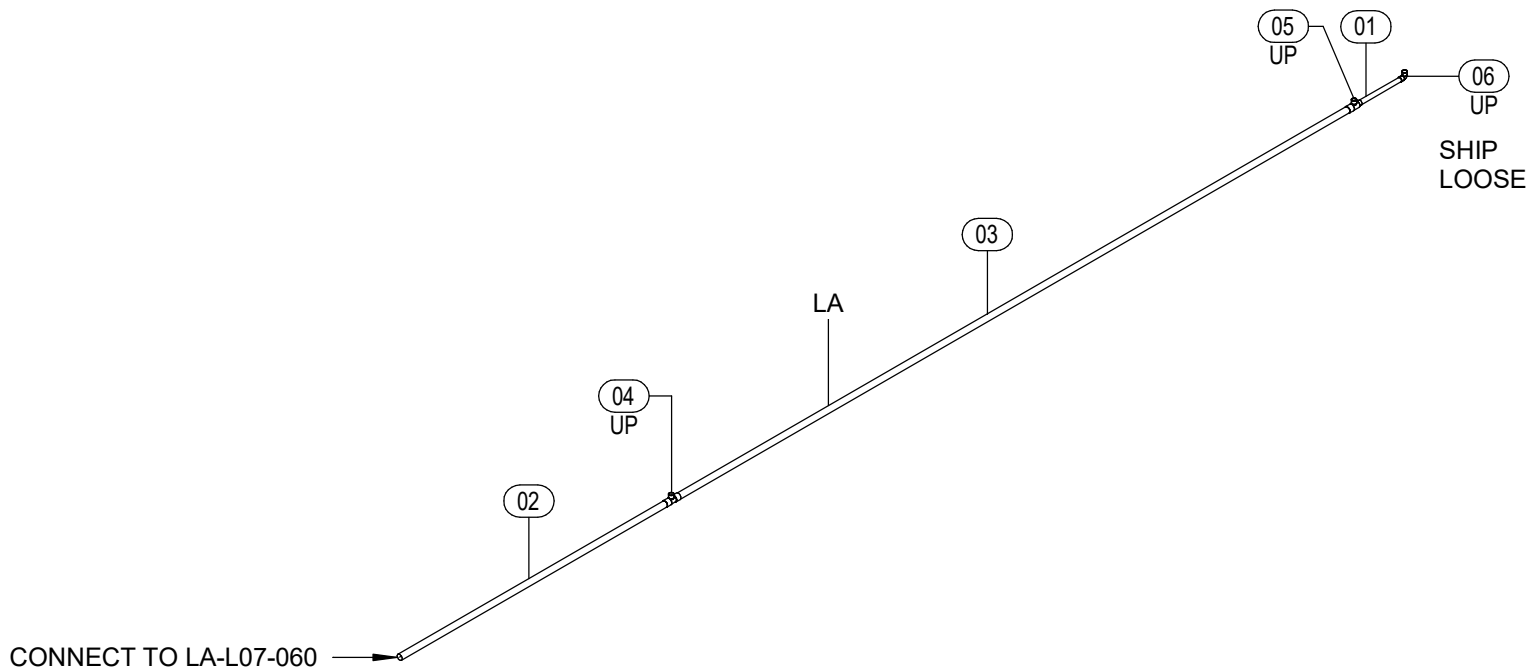


2 TOP VIEW
SCALE: 1/2" = 1'-0"

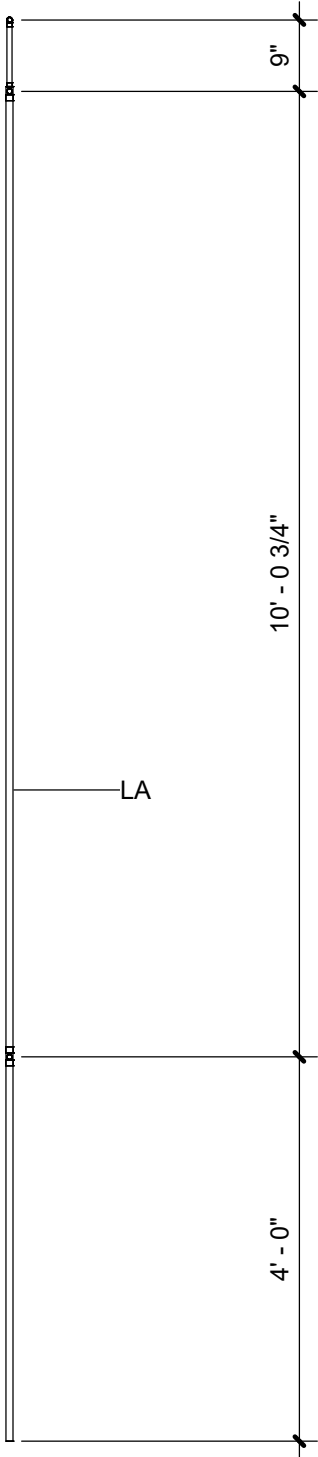
A1	A3	B1	B3
A2	A4	B2	B4

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
2/8/2022 10:25:19 AM

Mark	Qty	Size	Description	Length	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-8"	
02	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-11 5/8"	
03	1	3/4"	Cerro Type L Hard Copper - CFOS	9'-11 7/8"	
04	1	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
05	1	3/4"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
06	1	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow		



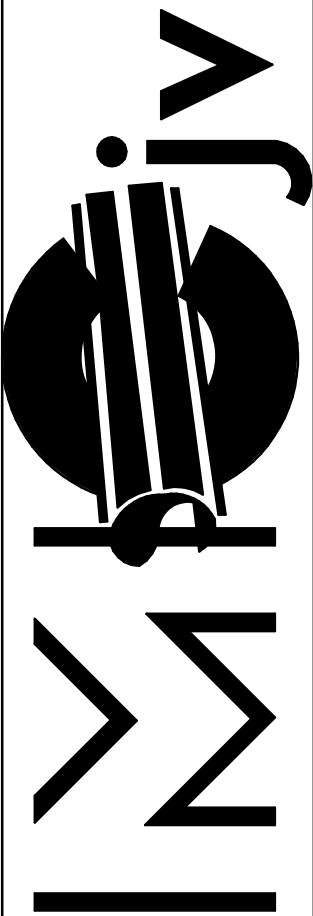
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

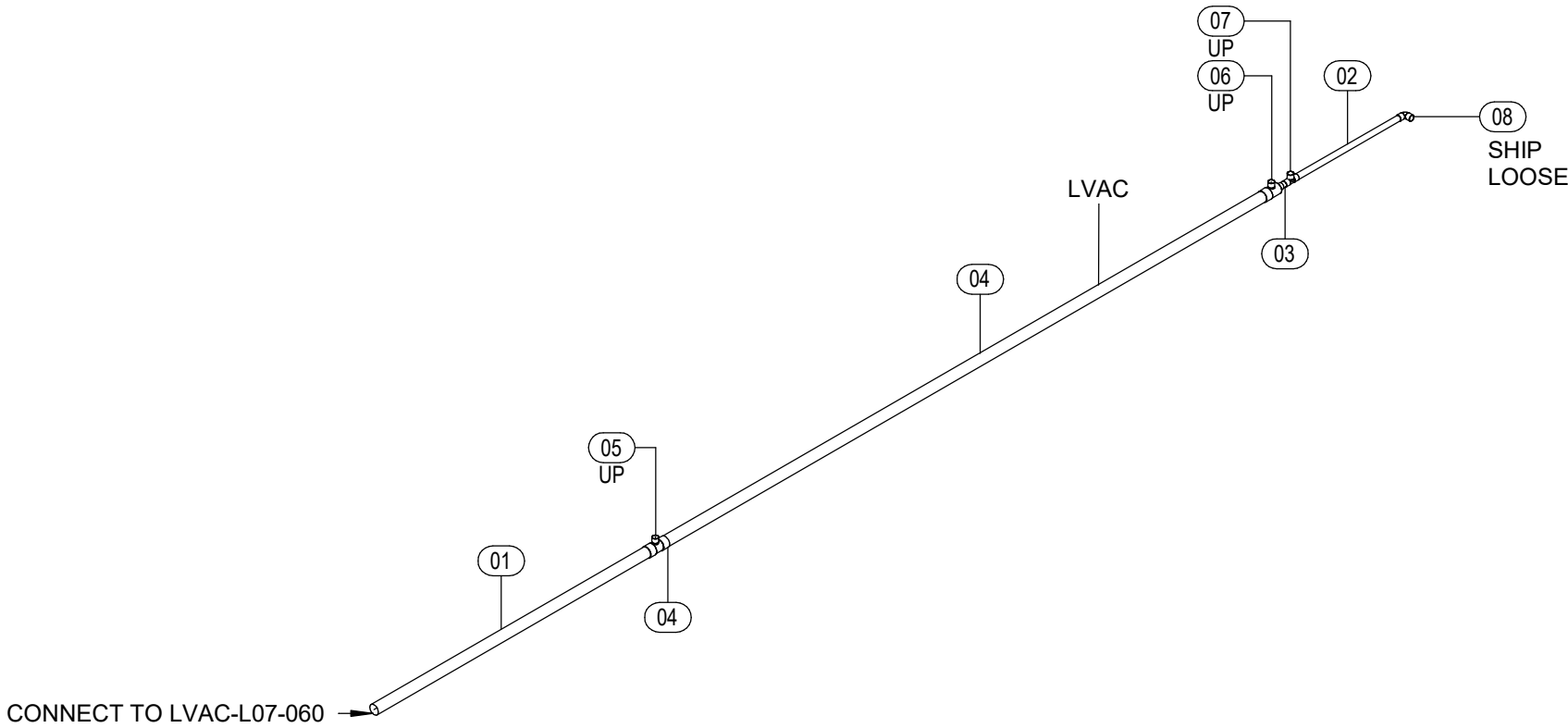
JOB:	WASH U NRB
TICKET:	LA-L07-059
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



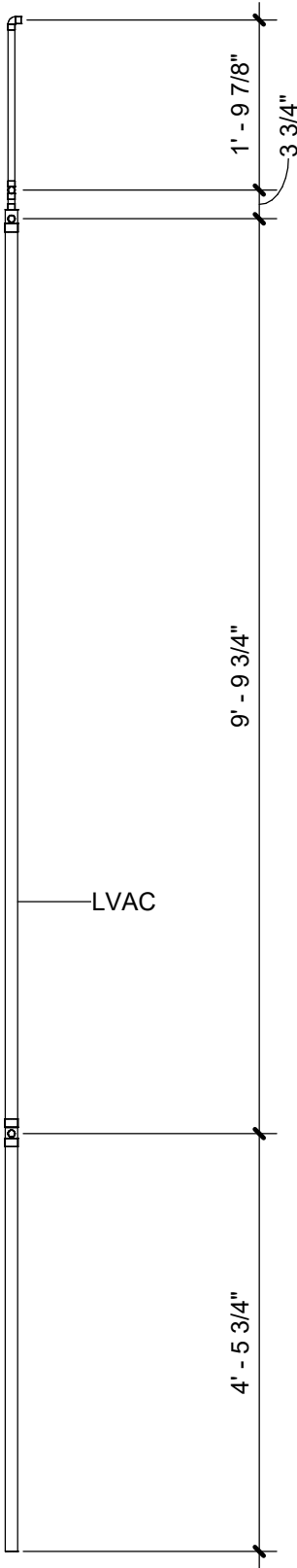
1233 N. Price Rd.
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314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
2/8/2022 10:25:20 AM

Mark	Qty	Size	Description	Length	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper - CFOS	4'-5 1/8"	
02	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-8 7/8"	
03	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-2"	
04	1	1 1/2"	Cerro Type L Hard Copper - CFOS	9'-8 3/8"	
05	1	1 1/2"x3/4"x1 1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
06	1	1 1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
07	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee		
08	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow		



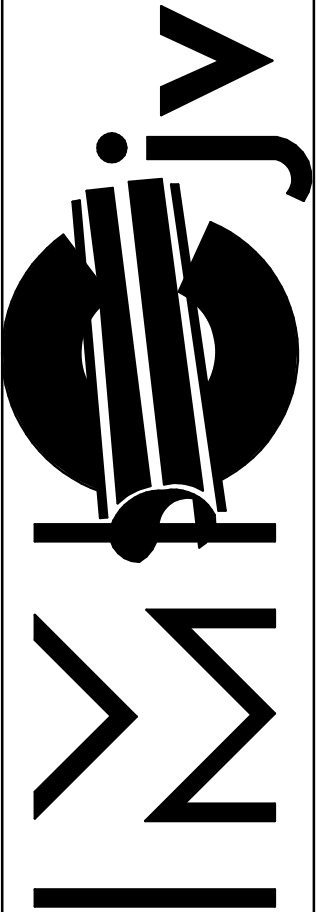
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

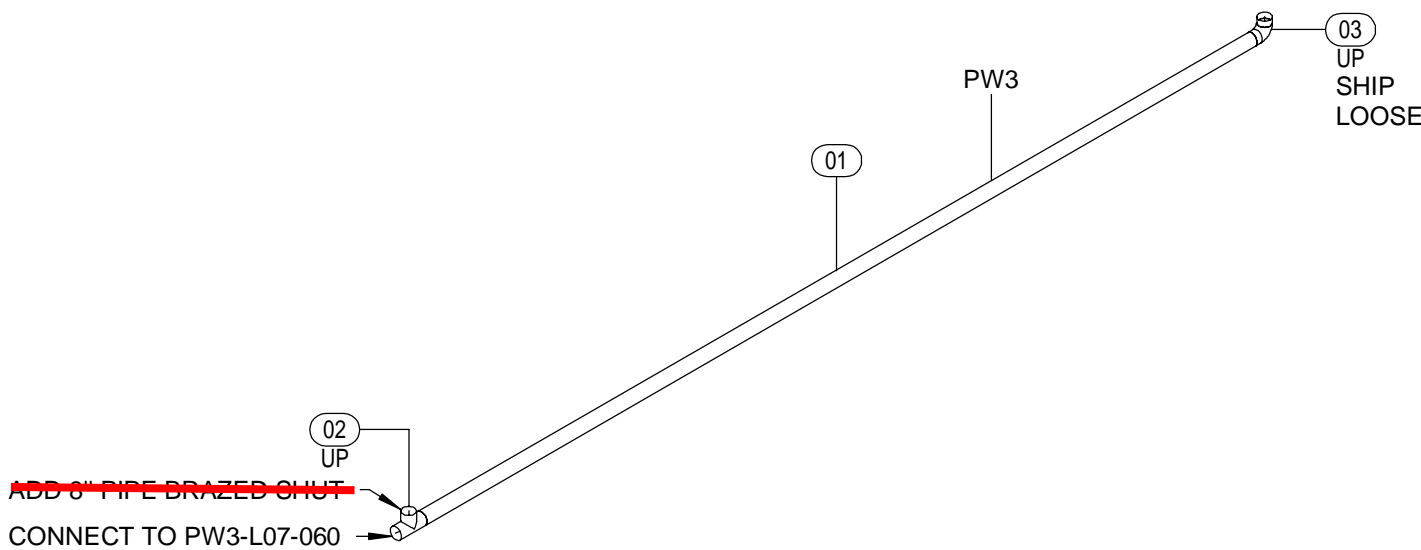
JOB:	WASH U NRB
TICKET:	LVAC-L07-059
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



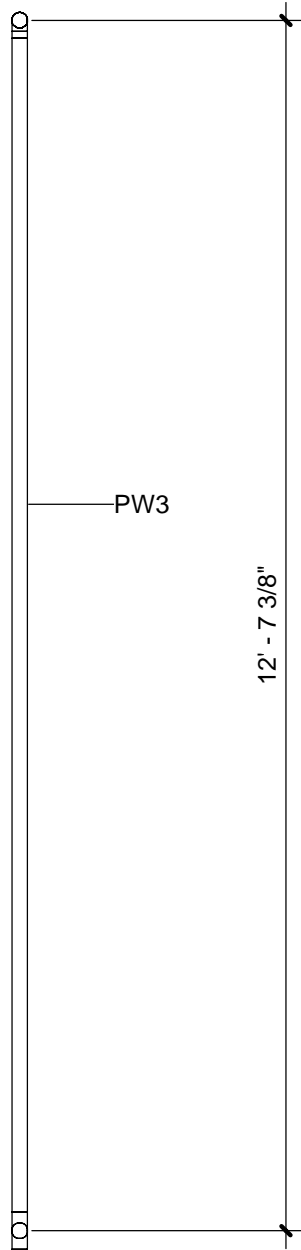
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
18-11-2021 16:58:46

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	12'-2 13/16"				
02	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Tee					
03	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow					



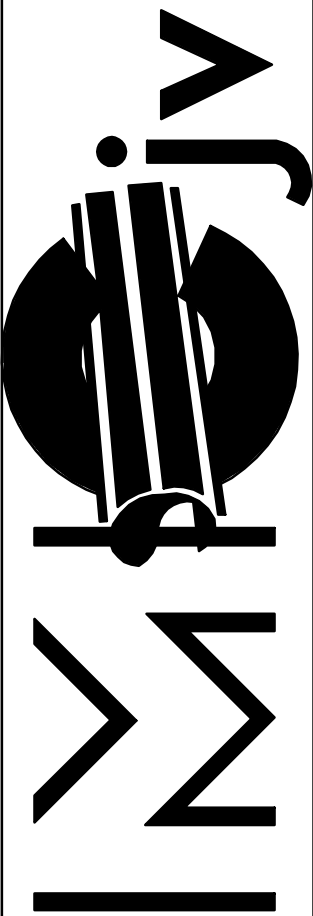
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW3-L07-059
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



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