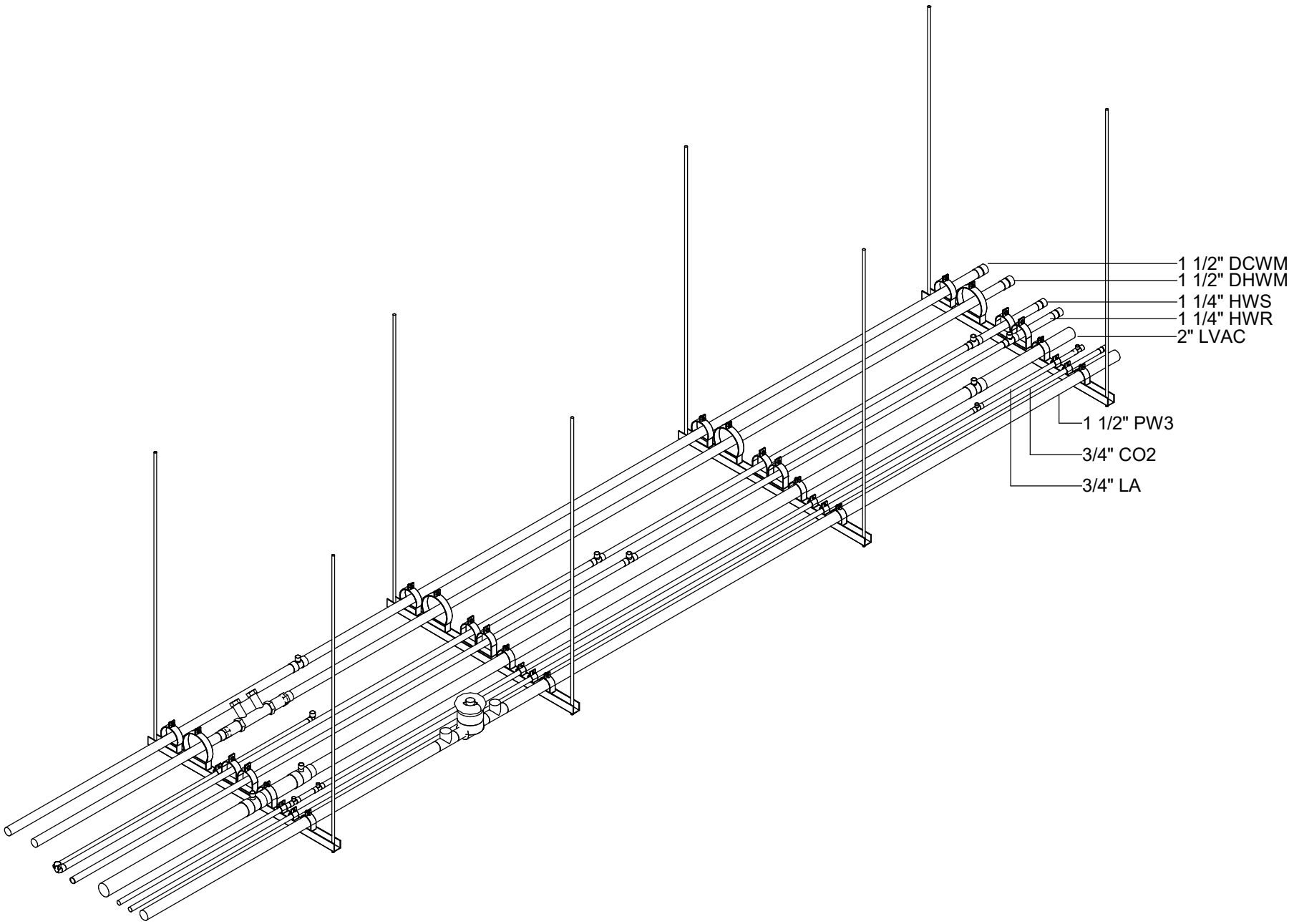
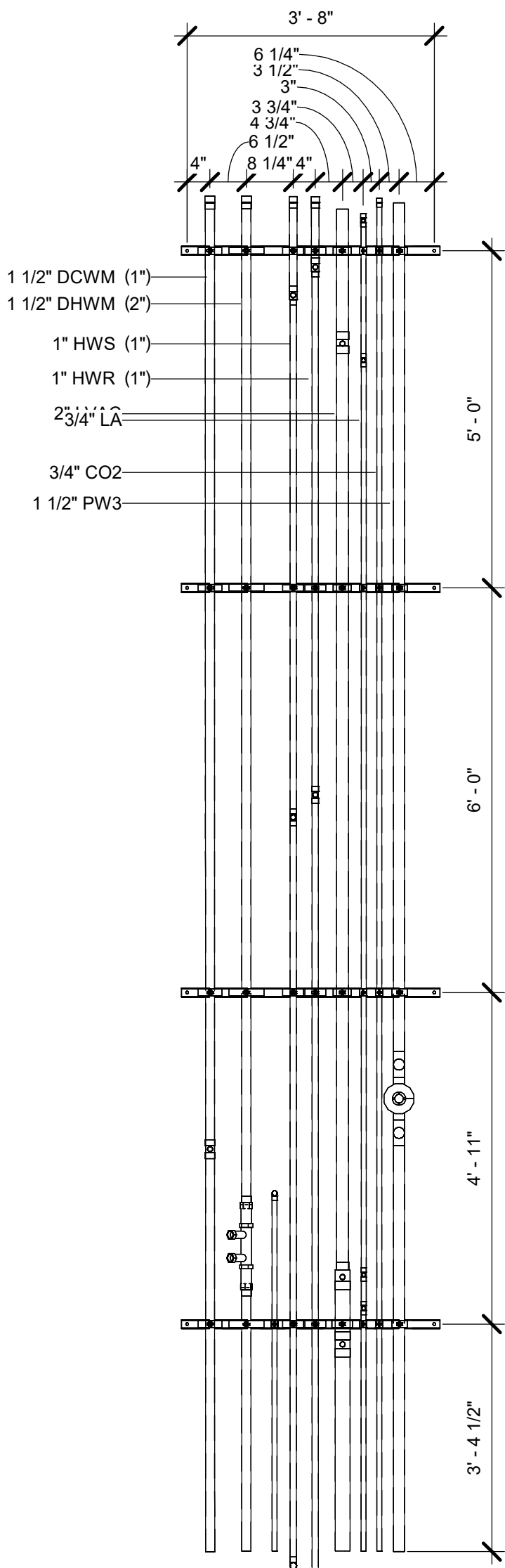


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12/29/2021 2:22:06 PM



1 AS-L07-053 - ISOMETRIC  
AS-L07-053 SCALE:



2 AS-L07-053  
AS-L07-053 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

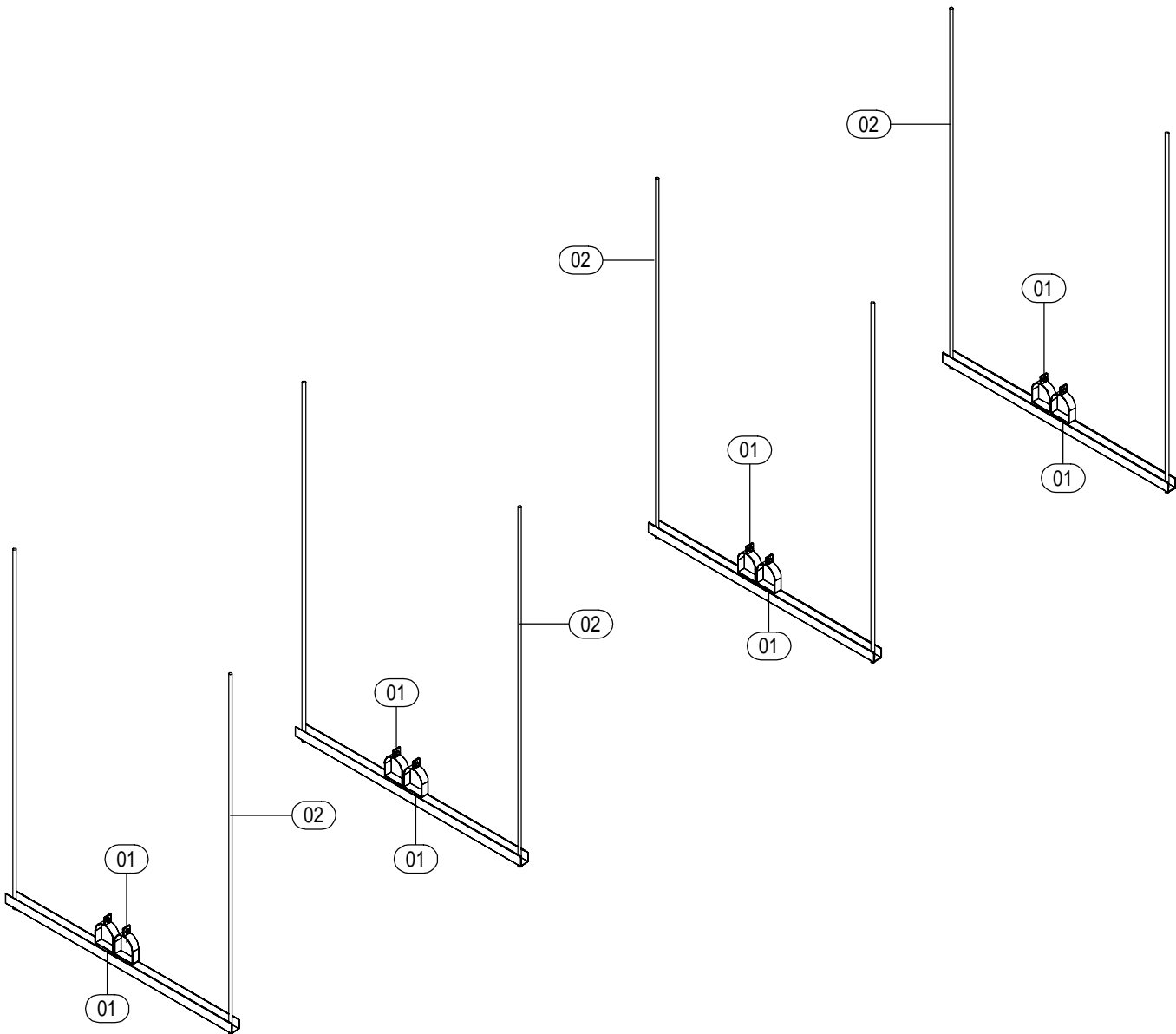
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TICKET: AS-L07-053  
Drawn By: Author  
DATE: 11/18/21  
DATE REQ:



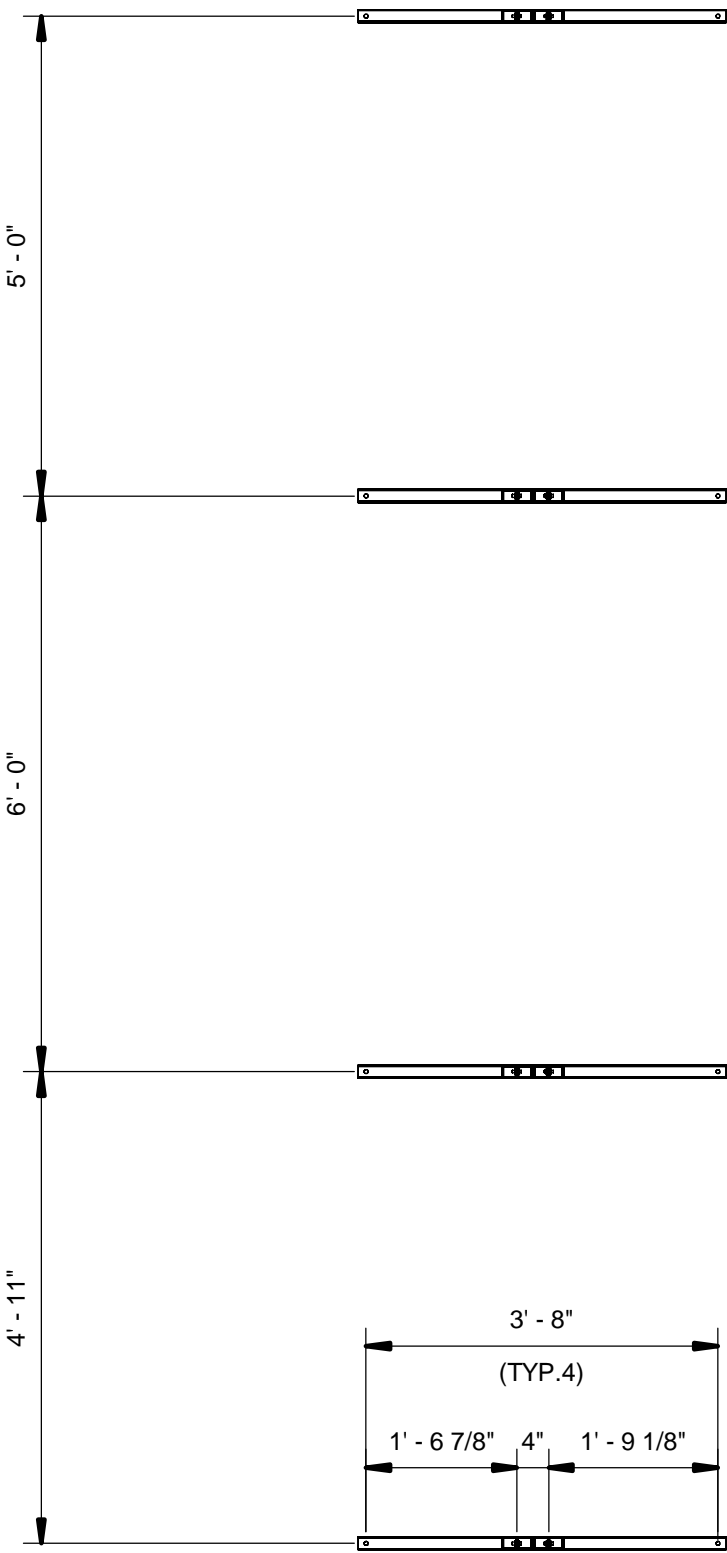
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
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BIM 360//WUSM NRBWUSM\_RB\_HPF.rvt  
18-11-2021 17:10:04

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	8	3"	<del>B-Line B2000 ZN Sch 40 Pipe Clamp</del>		0"		0"	
02	4	42"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut		3' - 10"	5' - 3 7/16"	5' - 3 7/16"	
01	8	3 5/8"	B Line #2050					



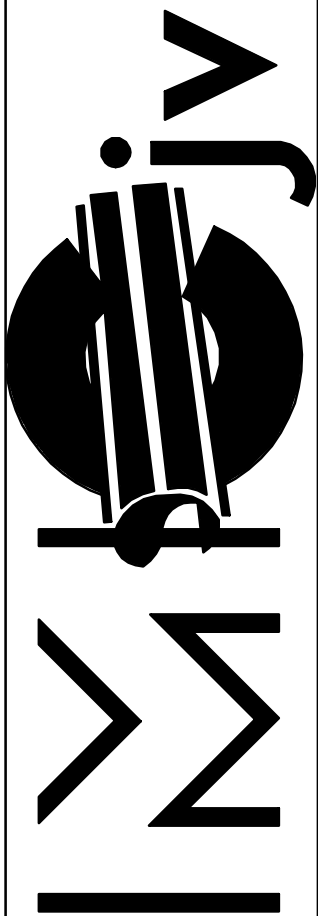
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	HPHGR-L07-053
Drawn By: Author	
DATE: 11/17/21	DATE REQ:



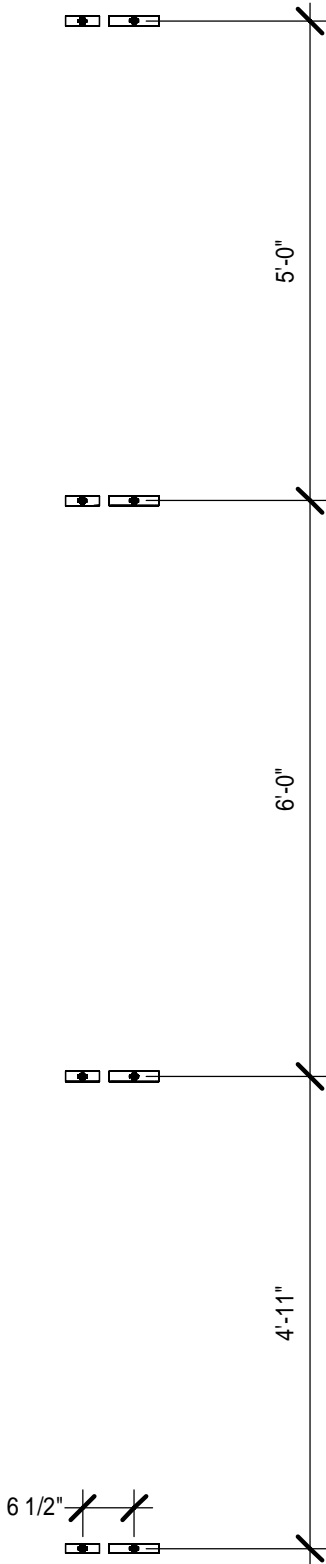
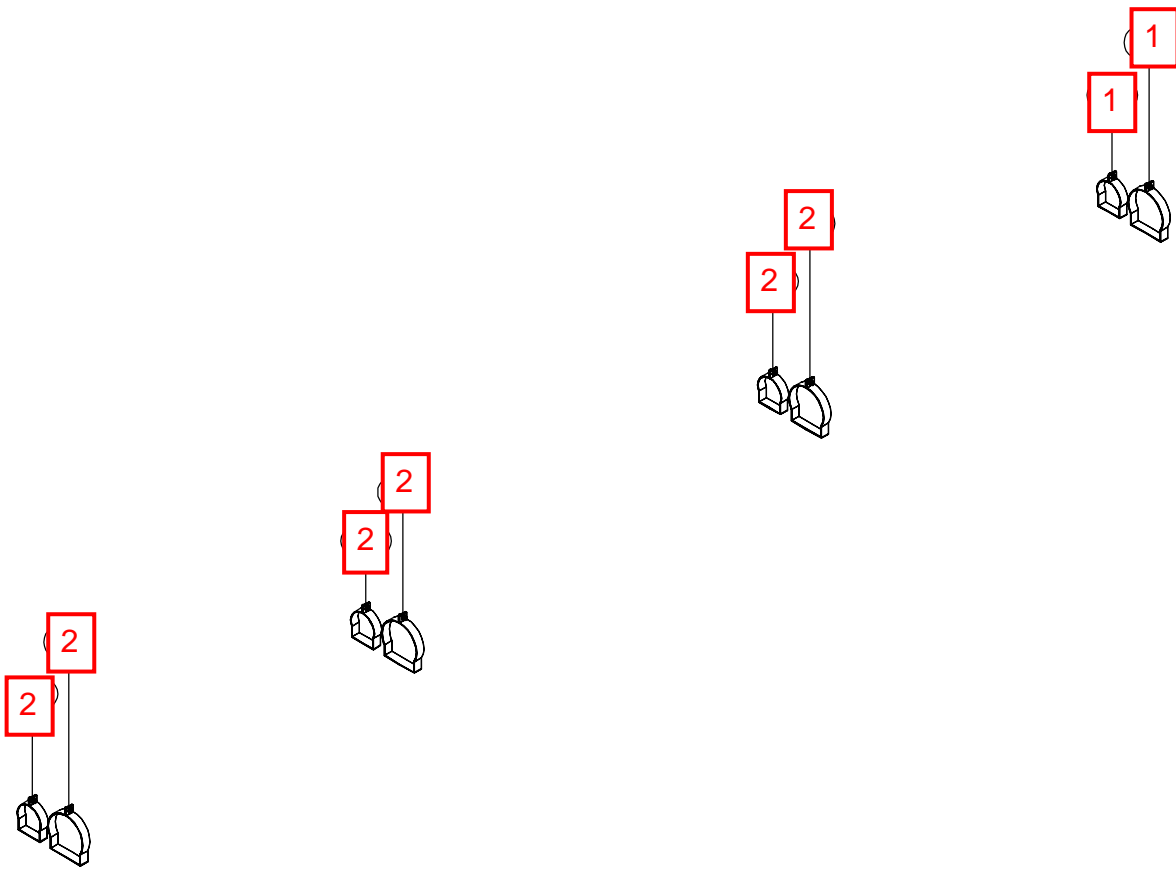
1233 N. Price Rd.  
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17-11-2021 17:34:41

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

01	2	3 3/8"	B Line #2048
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2	6	3 1/8"	B Line #2046
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1 ISOMETRIC  
SCALE:

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

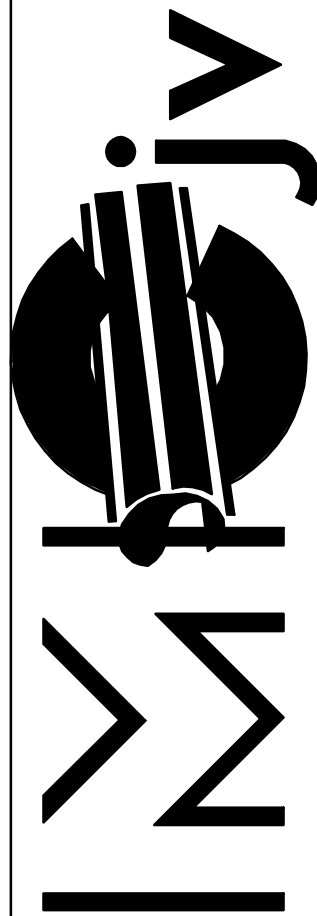
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: PPHGR-L07-053

Drawn By: Author

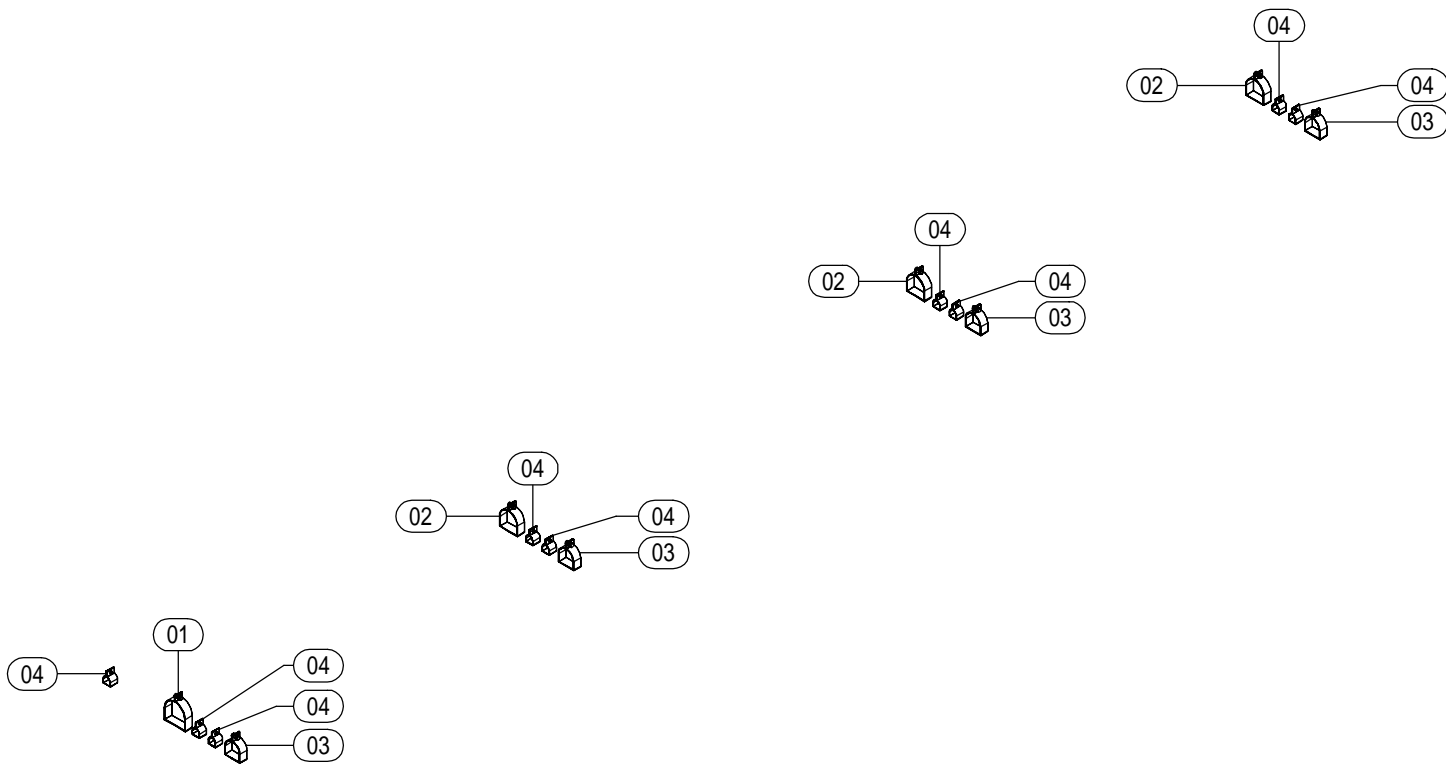
DATE: 11/17/21 DATE REQ:



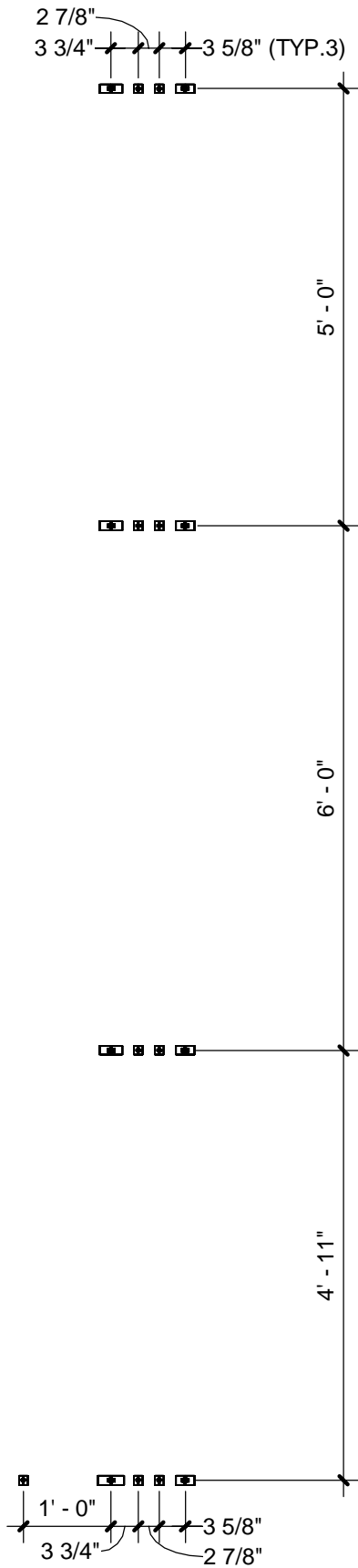
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18-11-2021 11:05:48

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	9	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	



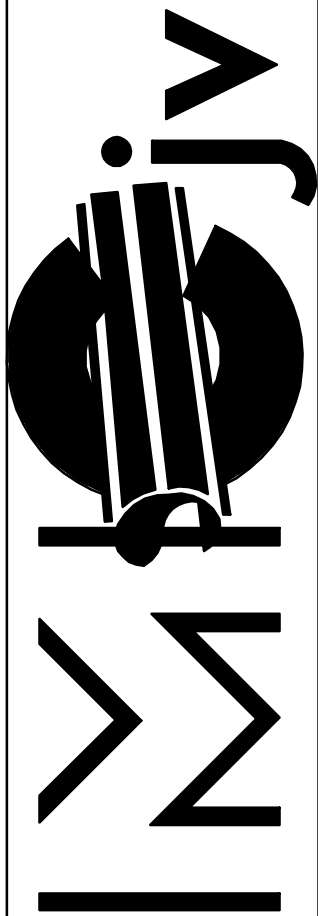
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

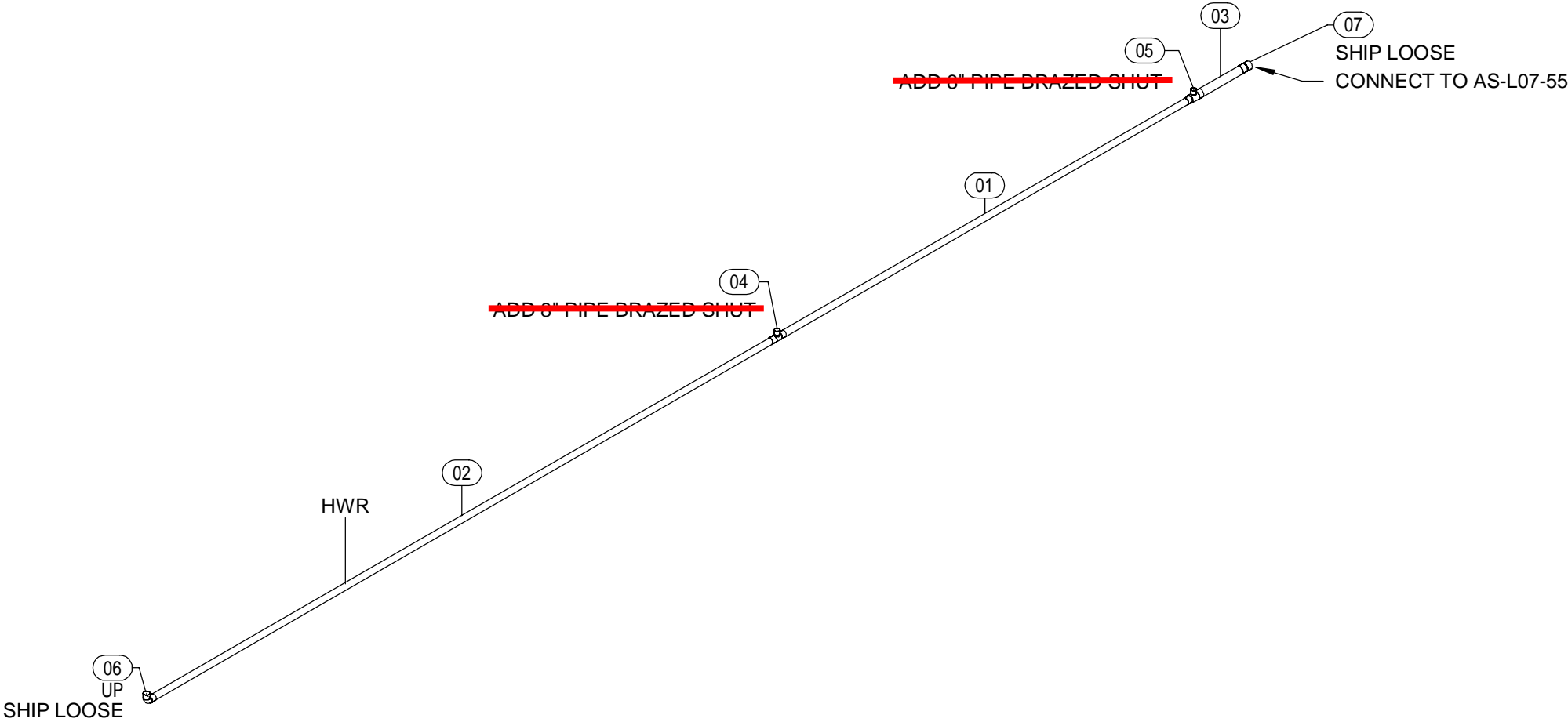
JOB: WASH U NRB  
TICKET: PUHGR-L07-053  
Drawn By: Author  
DATE: 11/18/21  
DATE REQ:



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18-11-2021 17:41:33

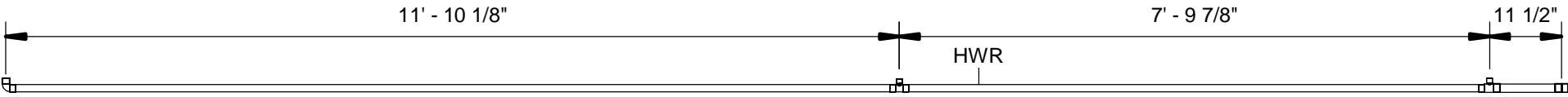
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1"	Cerro Type K Hard Copper Pipe	7'-8 1/2"				1"
02	1	1"	Cerro Type K Hard Copper Pipe	11'-8 7/8"				1"
03	1	1 1/4"	Cerro Type K Hard Copper Pipe	0'-10 13/16"				1"
04	1	1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
05	1	1 1/4"x1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
06	1	1"	Nibco Wrot 607 90 Deg Ell CxC					1"
07	1	1 1/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1

ISOMETRIC

SCALE:



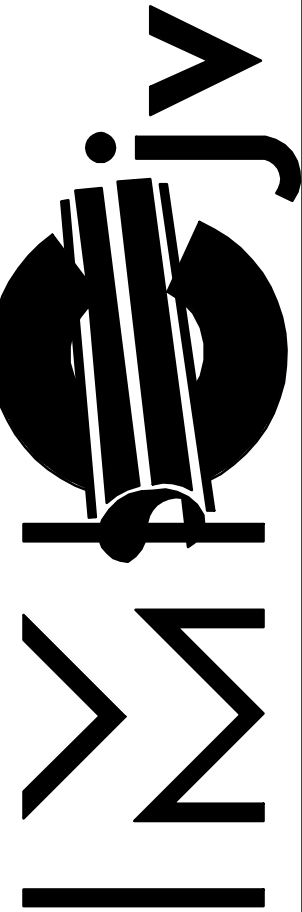
2

RIGHT ELEVATION

SCALE: 1 : 25

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	HWR-L07-053
Drawn By: Author	
DATE: 11/18/21	DATE REQ:

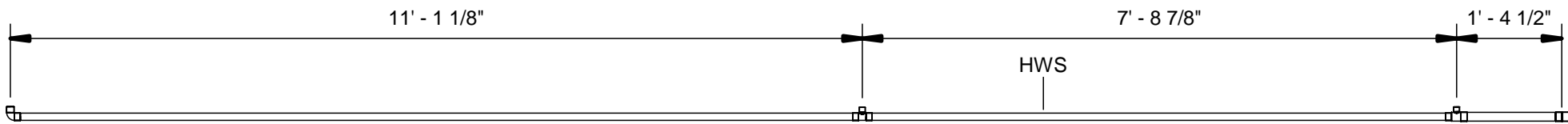
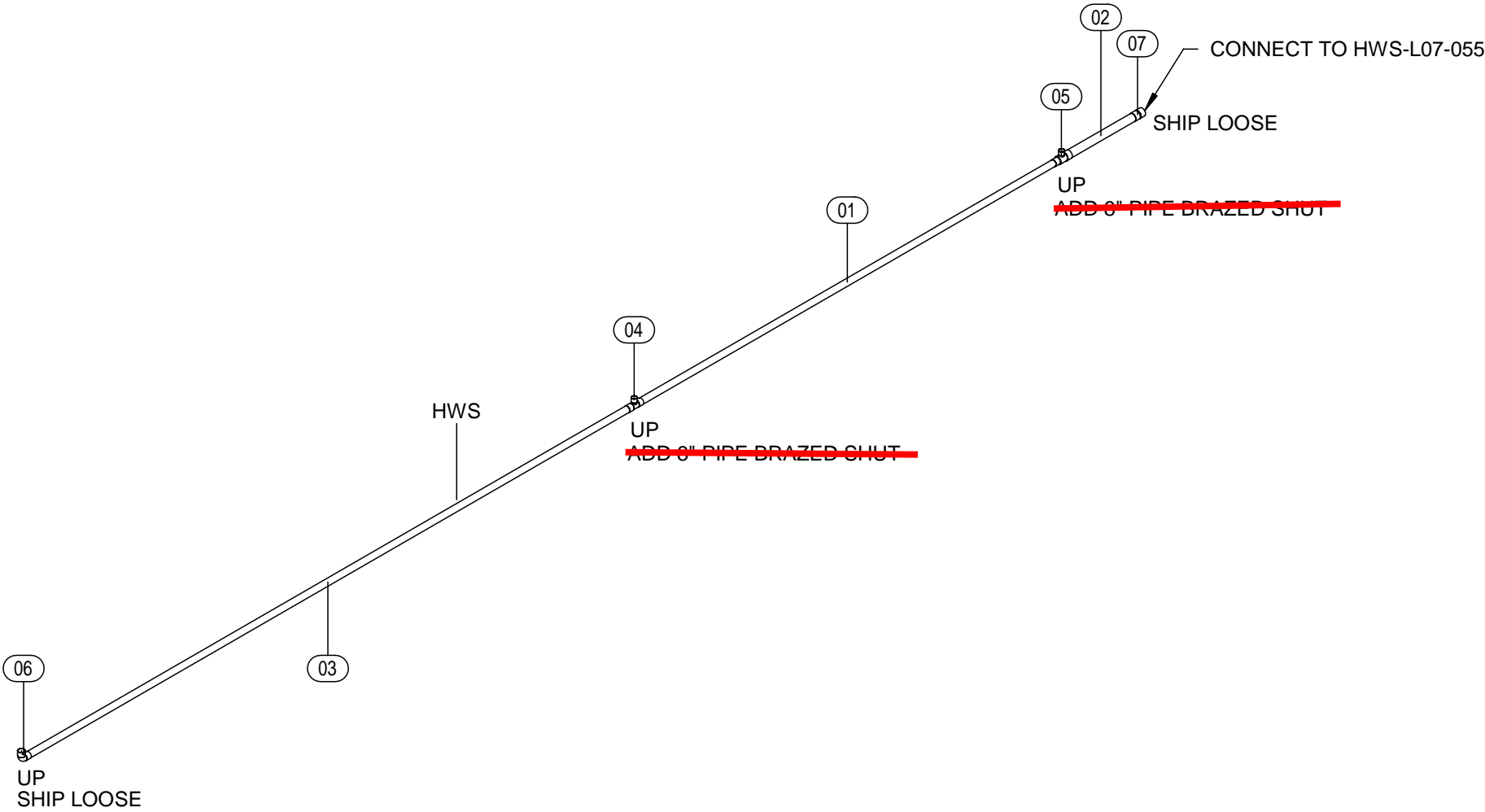


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18-11-2021 18:05:03

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1"	Cerro Type K Hard Copper Pipe	7'-7 1/2"				1"
02	1	1 1/4"	Cerro Type K Hard Copper Pipe	1'-3 13/16"				1"
03	1	1"	Cerro Type K Hard Copper Pipe	10'-11 15/16"				1"
04	1	1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
05	1	1 1/4"x1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
06	1	1"	Nibco Wrot 607 90 Deg Ell CxC					1"
07	1	1 1/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"

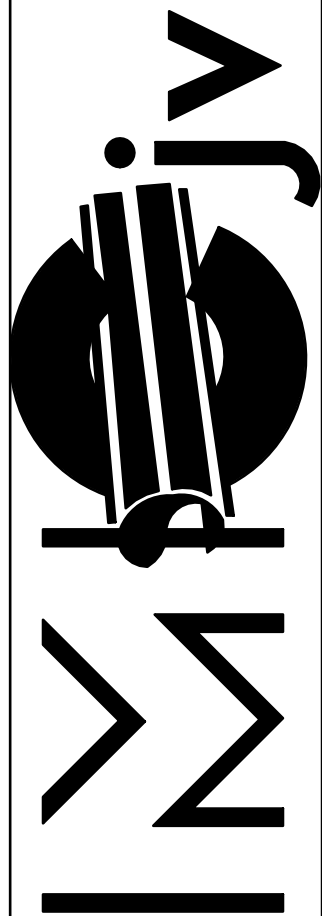
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

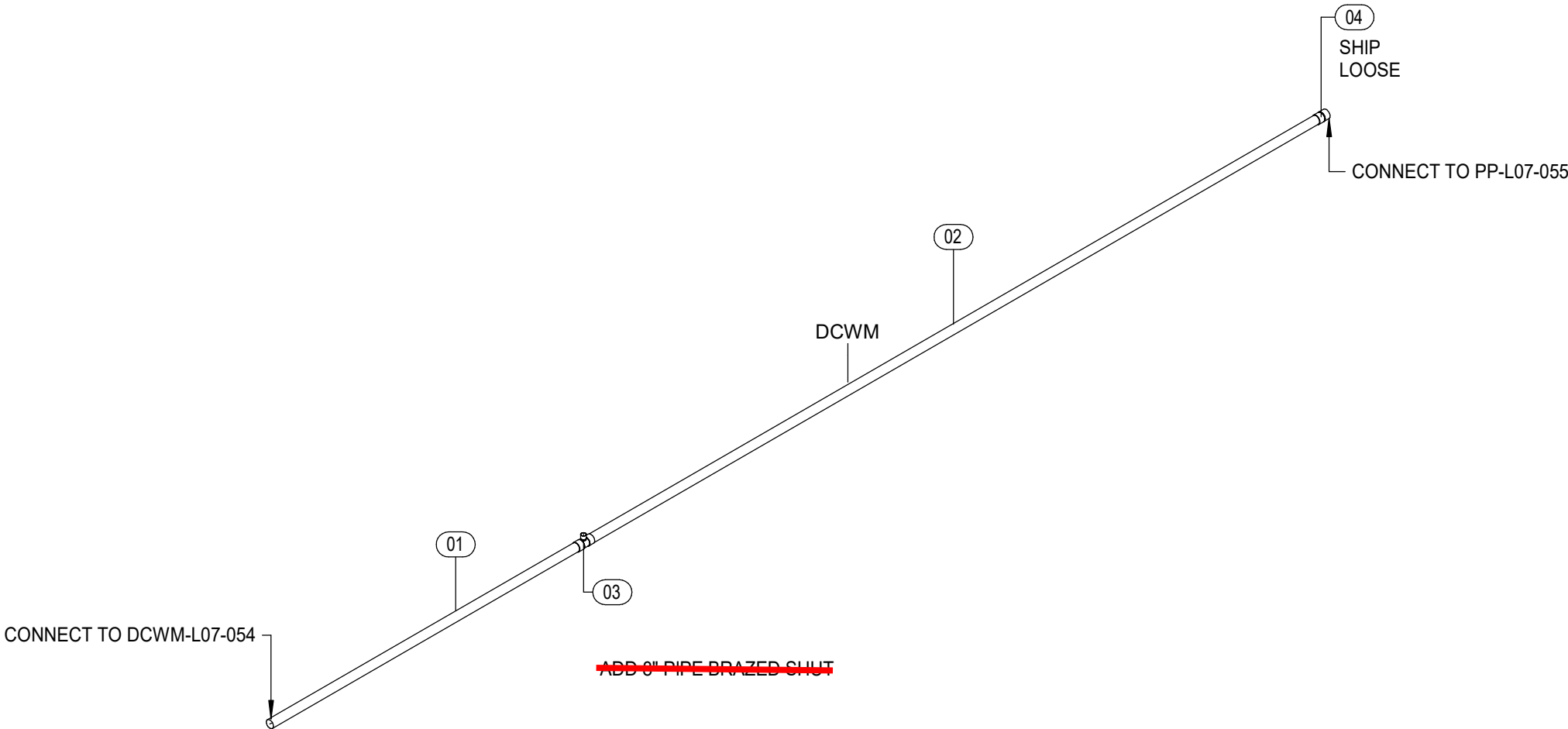
JOB: WASH U NRB  
TICKET: HWS-L07-053  
Drawn By: Author  
DATE: 11/18/21  
DATE REQ:



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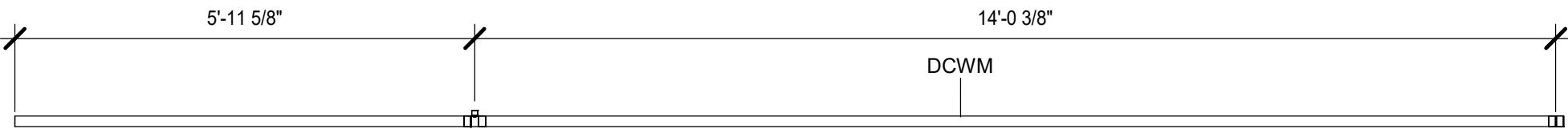
BIM 360://WUSM NRB/WUSM RB\_PLF.rvt  
12/29/2021 1:06:34 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	5'-11"				1"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	13'-11 3/4"				1"
03	1	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
04	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
05	1	1 1/2"	Generic 95/5 Solder Joint					1"



1 ISOMETRIC

SCALE:

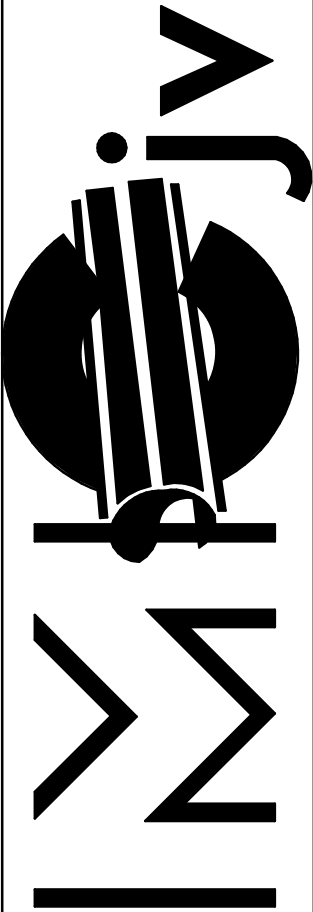


2 RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

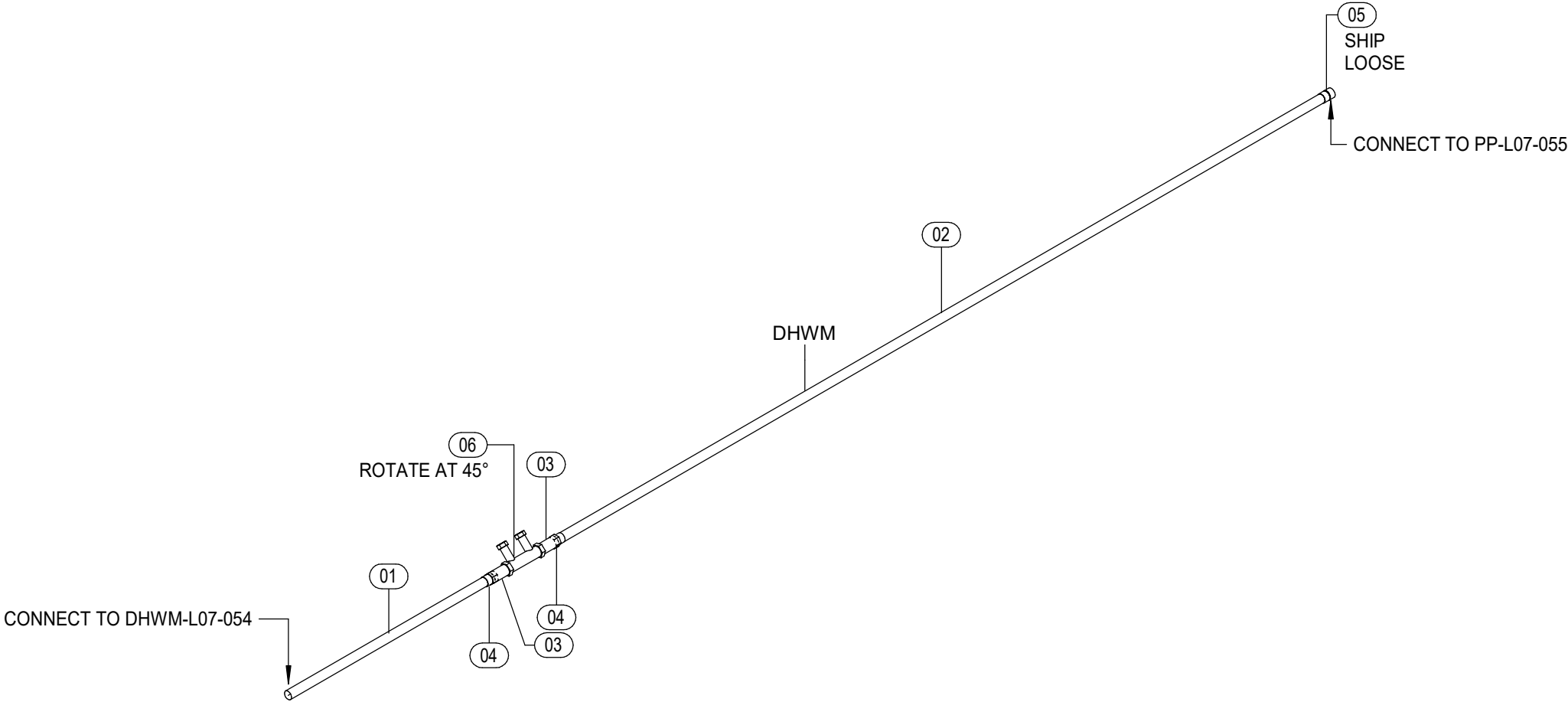
JOB:	WASH U NRB
TICKET:	DCWM-L07-053
Drawn By: Author	
DATE: 11/17/21	DATE REQ:



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

BIM 360://WUSM NRBWUSM\_RB\_PLF.rvt  
11/19/2021 11:32:51 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	3'-10 9/16"				2"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	14'-9 13/16"				2"
03	2	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting					2"
04	2	1 1/2"	Nibco Wrot 603 Adapter CxF					2"
05	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"
06	1	1 1/2"x1"	Kemper Kemper Fig651 20 KHS Flow-Splitter FPT					2"



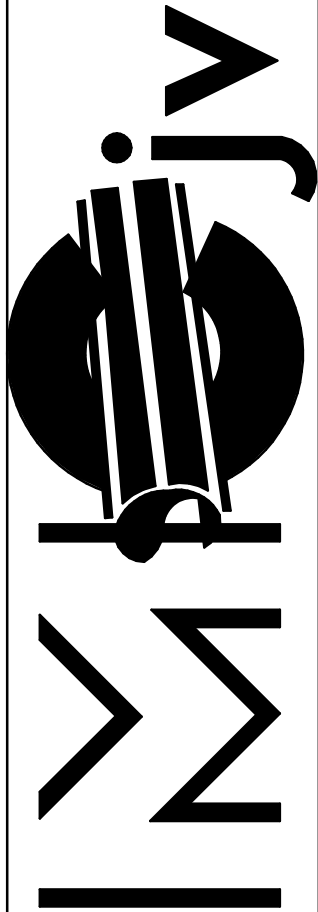
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	DHWM-L07-053
Drawn By: Author	
DATE: 11/17/21	DATE REQ:

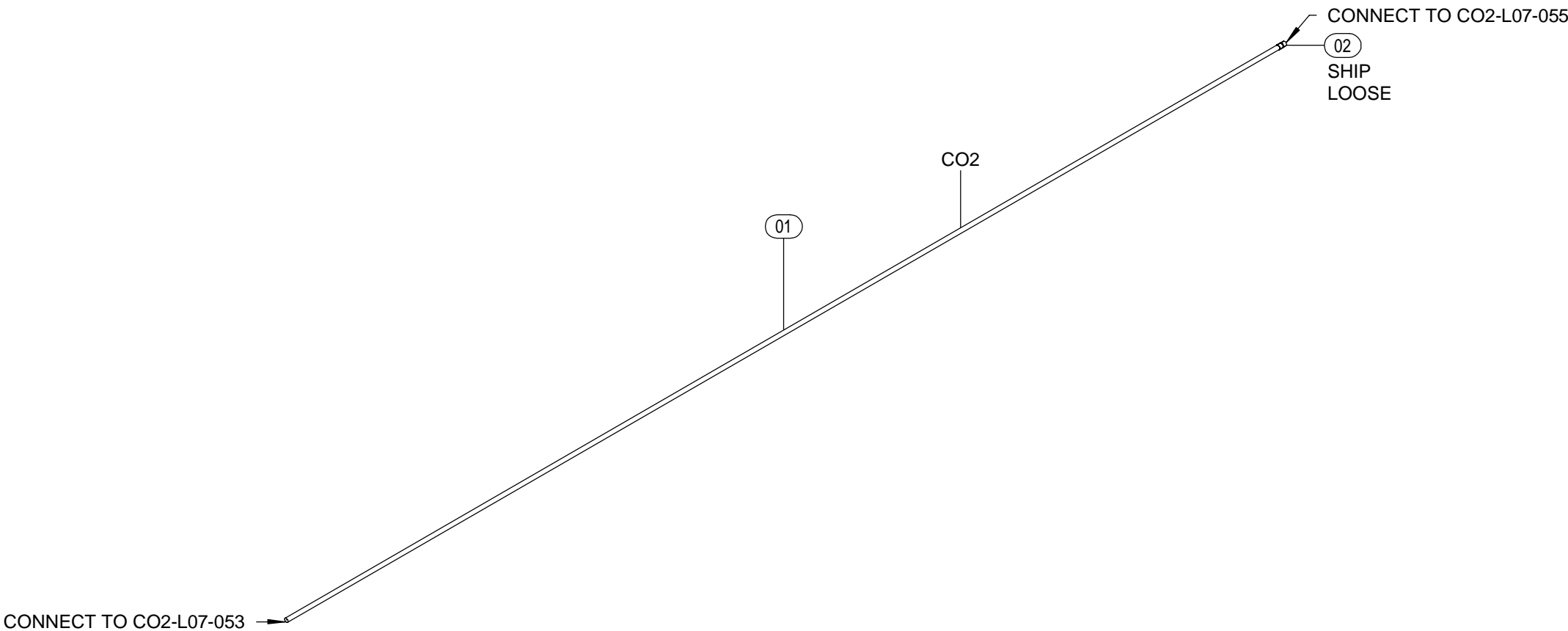


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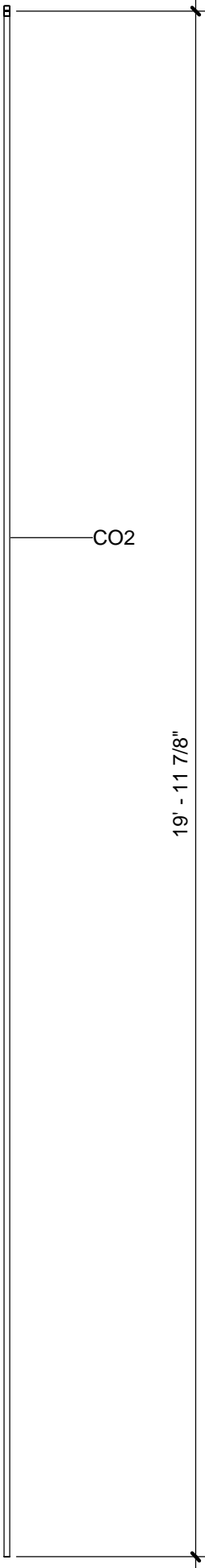


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18-11-2021 10:41:18

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	19'-11 7/8"				
02	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



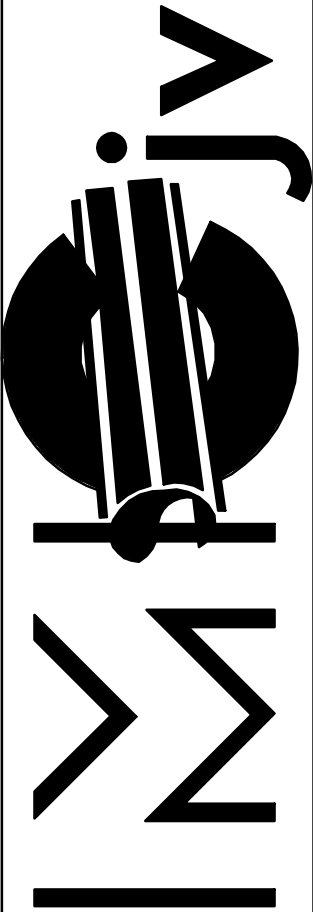
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

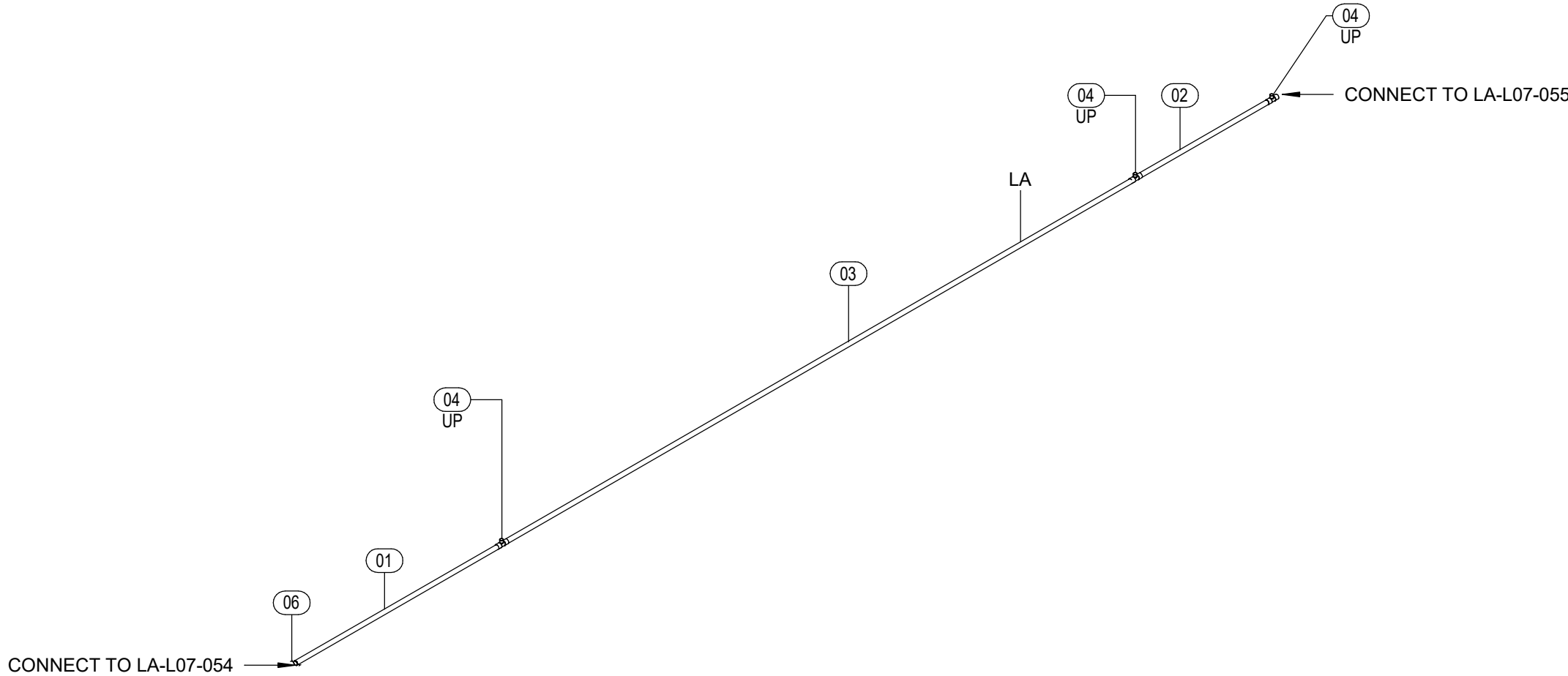
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Drawn By: Author  
DATE: 11/18/21 DATE REQ:



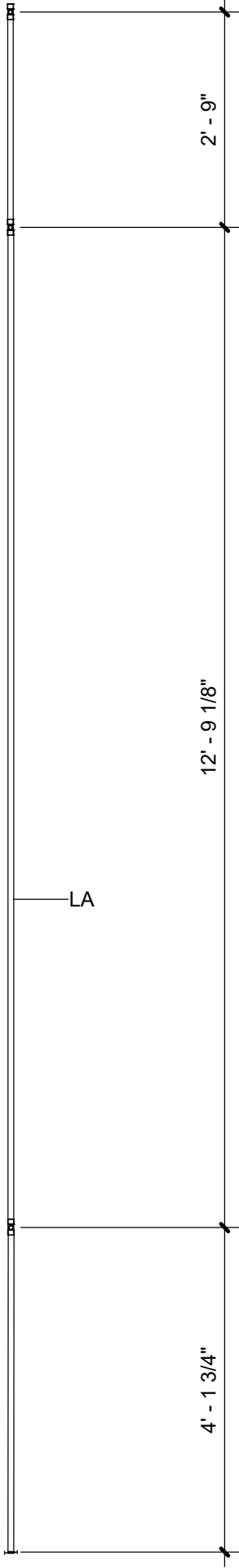
1233 N. Price Rd.  
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2/7/2022 11:41:36 AM

Mark	Qty	Size	Description	Length	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	4'-1 3/8"	
02	1	3/4"	Cerro Type L Hard Copper - CFOS	2'-8 1/8"	
03	1	3/4"	Cerro Type L Hard Copper - CFOS	12'-8 1/4"	
04	3	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		



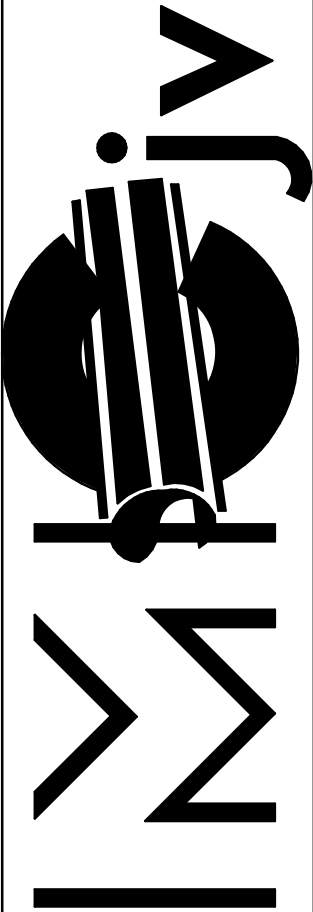
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

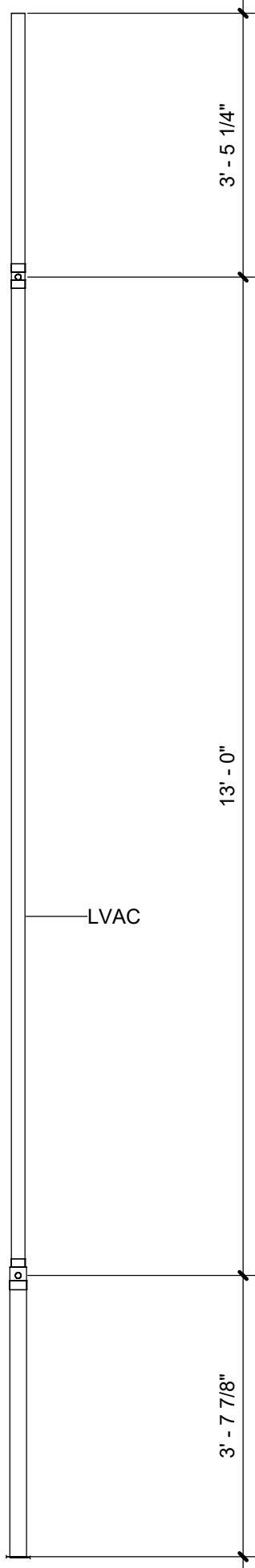
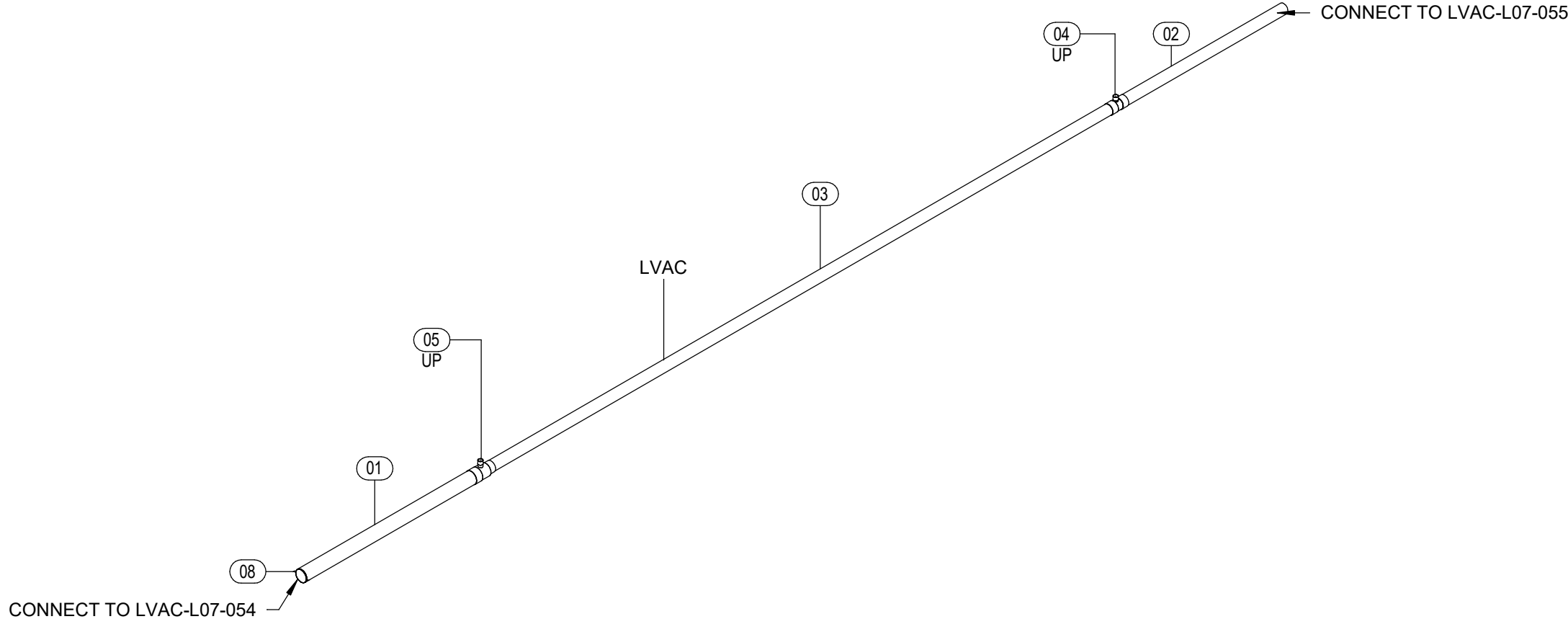
JOB:	WASH U NRB
TICKET:	LA-L07-053
Drawn By: Author	
DATE: 11/17/21	DATE REQ:



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BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
2/7/2022 11:41:53 AM

Mark	Qty	Size	Description	Length	Insulation
01	1	2 1/2"	Cerro Type L Hard Copper - CFOS	3'-7 1/8"	
02	1	2"	Cerro Type L Hard Copper - CFOS	3'-4 1/2"	
03	1	2"	Cerro Type L Hard Copper - CFOS	12'-10 1/4"	
04	1	2"x3/4"x2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
05	1	2 1/2"x3/4"x2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		

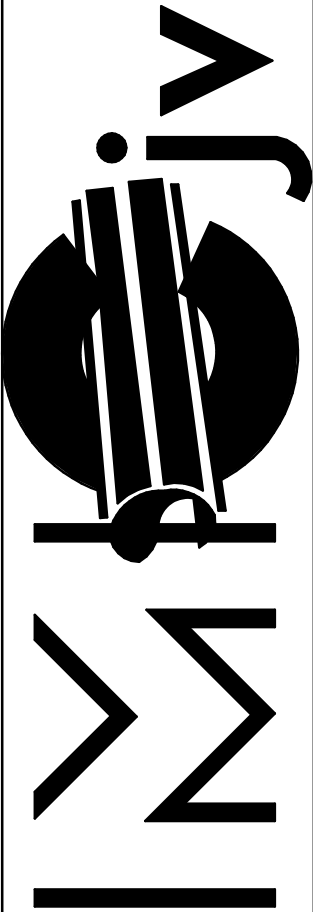


1 ISOMETRIC  
SCALE:

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

A1	A3	B1	B3
A2	A4	B2	B4

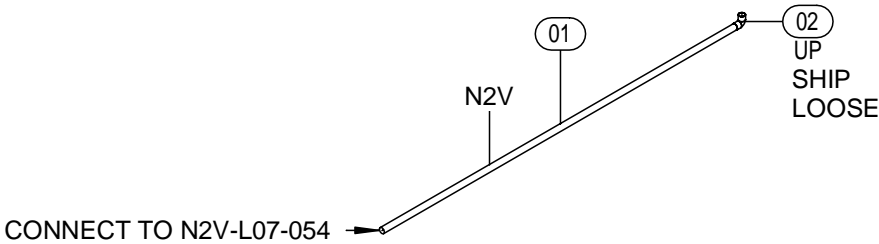
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TICKET:	LVAC-L07-053
Drawn By: Author	
DATE: 11/17/21	DATE REQ:



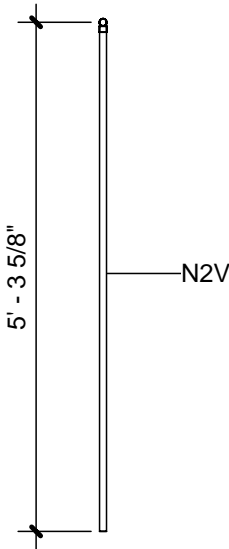
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314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
17-11-2021 17:11:49

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



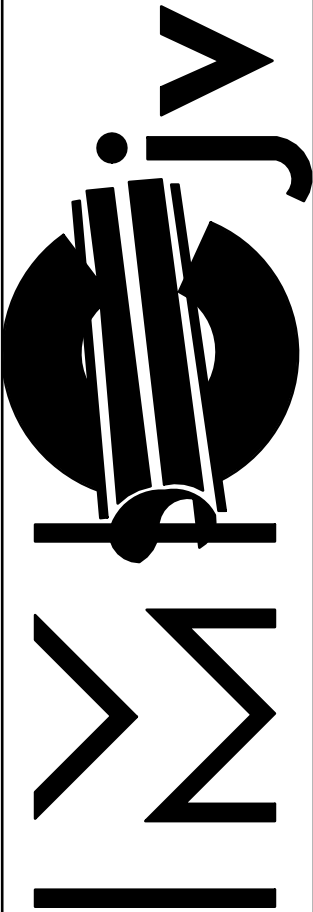
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

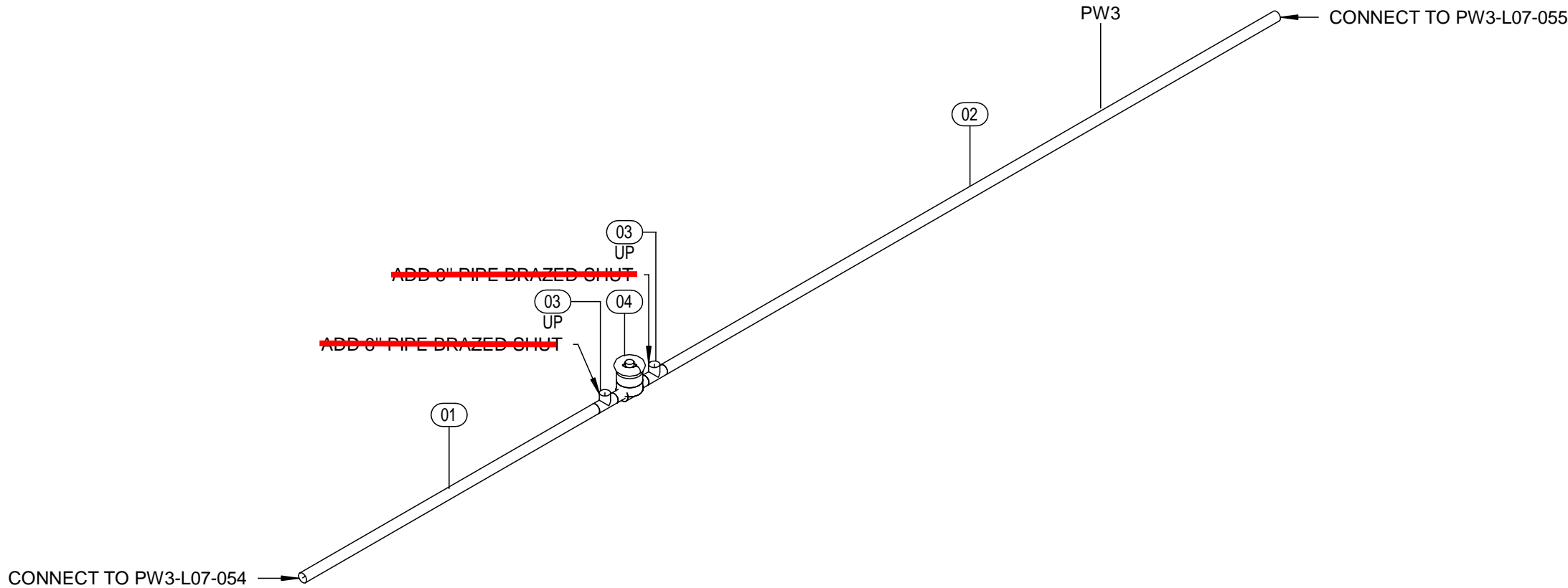
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Drawn By: Author  
DATE: 11/17/21 DATE REQ:



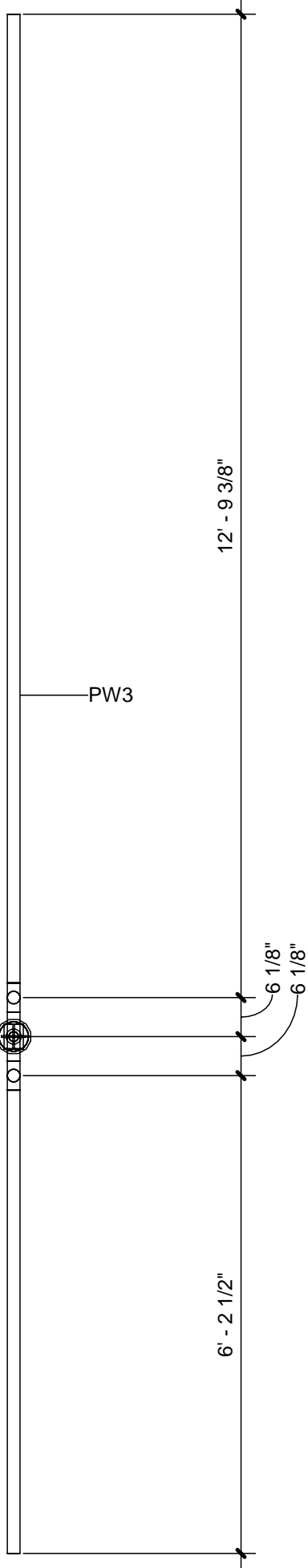
1233 N. Price Rd.  
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314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
17-11-2021 17:54:10

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	6'-0 1/4"				
02	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	12'-7 1/16"				
03	2	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Tee					
04	1	1 1/2"	George Fischer Sloane PROGEF STD-PP Type 515 EDPM Diaphragm Valve BF					



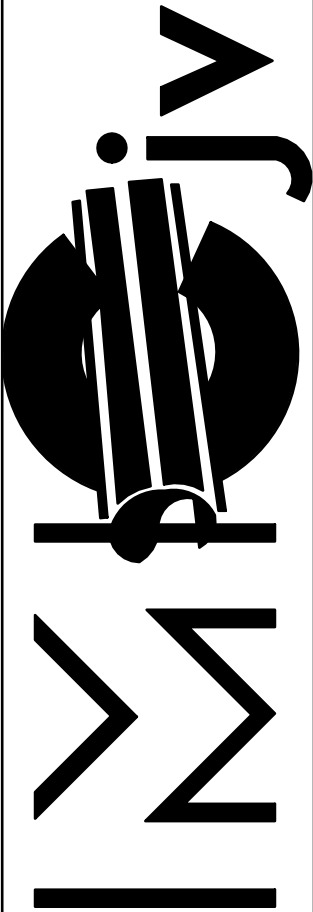
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB  
TICKET: PW3-L07-053  
Drawn By: Author  
DATE: 11/17/21  
DATE REQ:



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