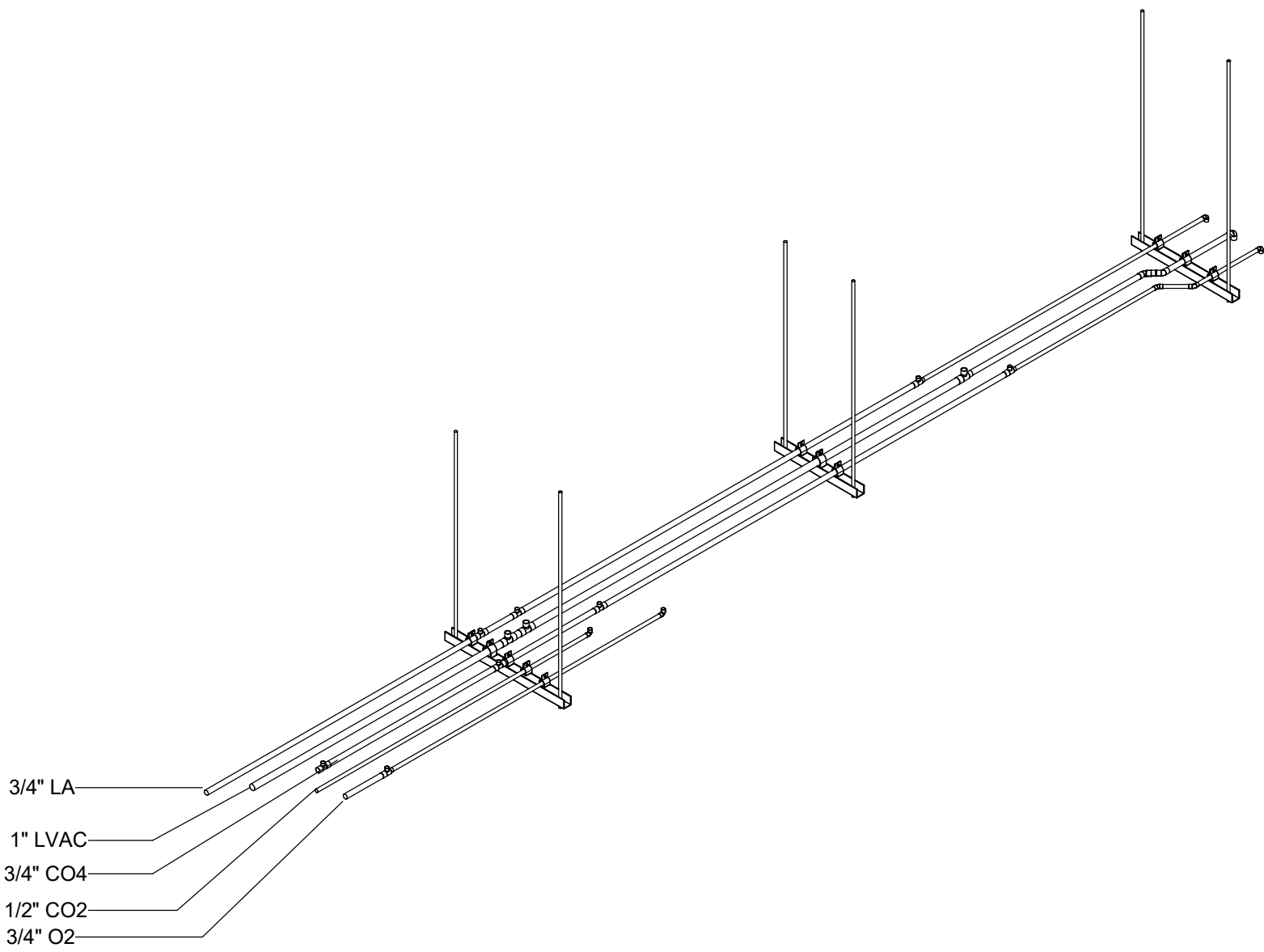
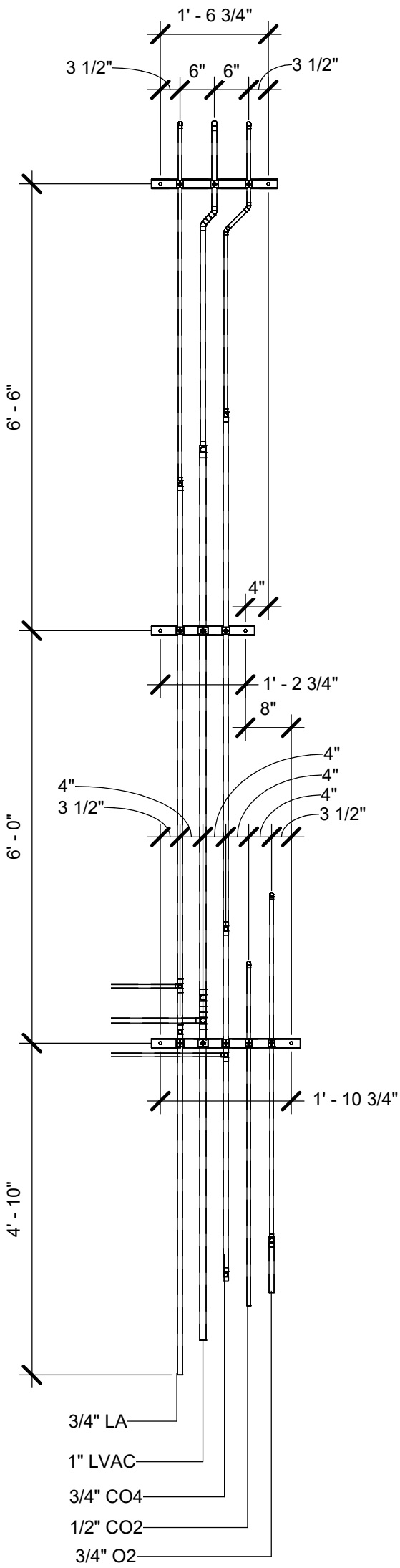


BIM 360//WUSM NRBWUSM\_RB\_SPOOLING MASTER.rvt  
12/30/2021 10:39:55 AM



1 **AS-L07-072 - ISOMETRIC**  
AS-L07-072 SCALE:

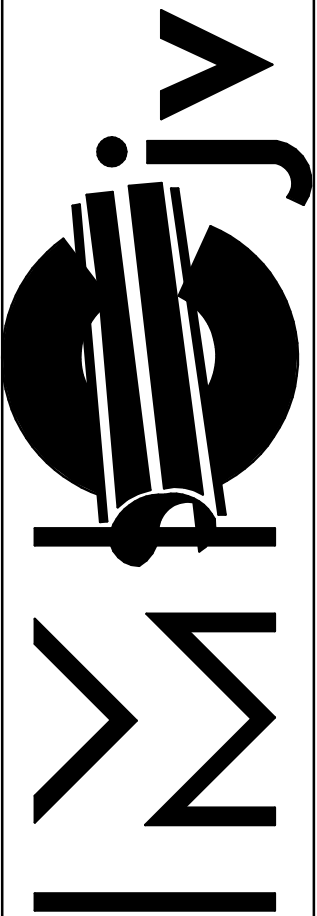


3/4" LA  
1" LVAC  
3/4" CO4  
1/2" CO2  
3/4" O2

2 **AS-L07-072**  
AS-L07-072 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

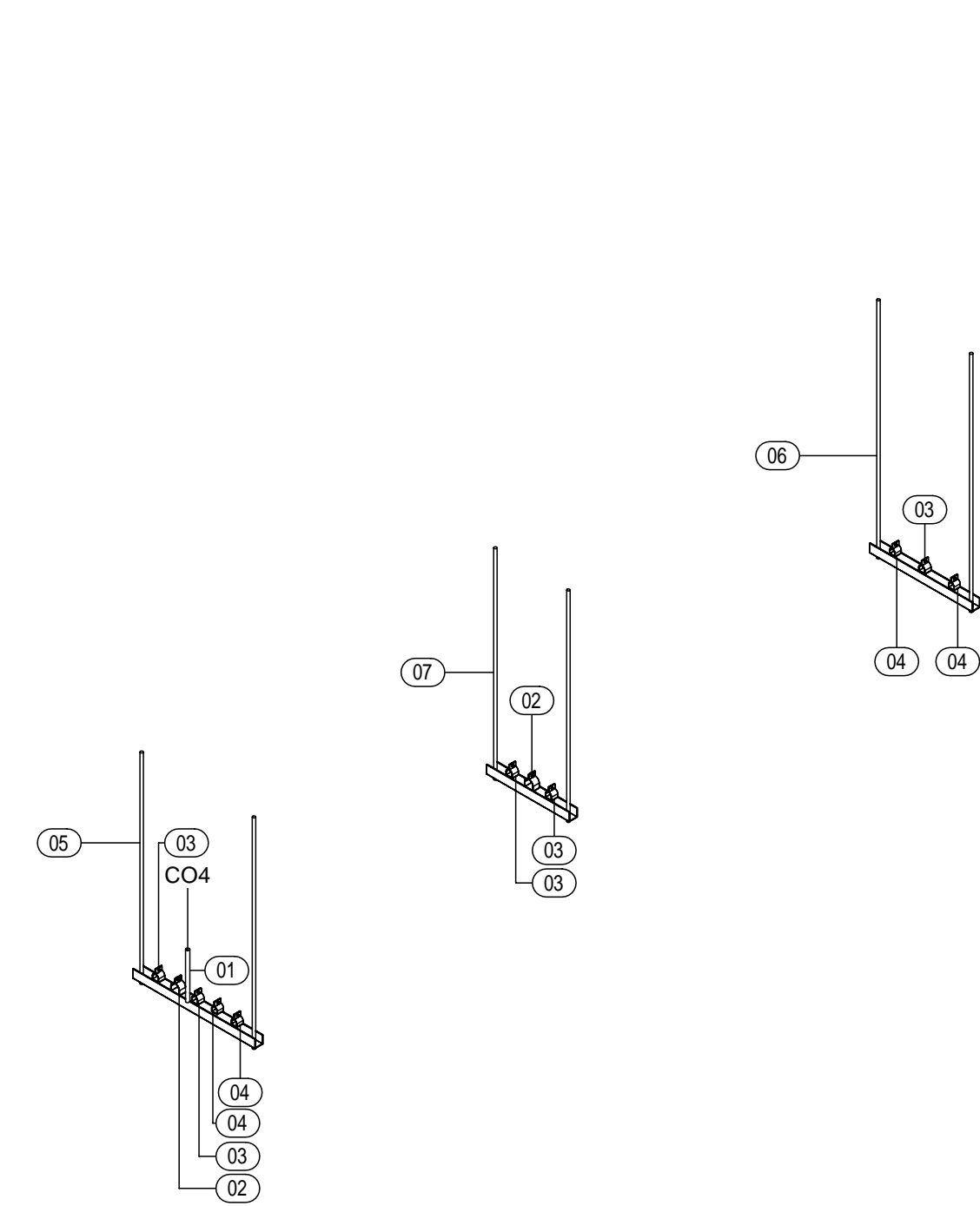
JOB: **WASH U NRB**  
TICKET: **AS-L07-072**  
Drawn By: Author  
DATE: 11/23/21  
DATE REQ:



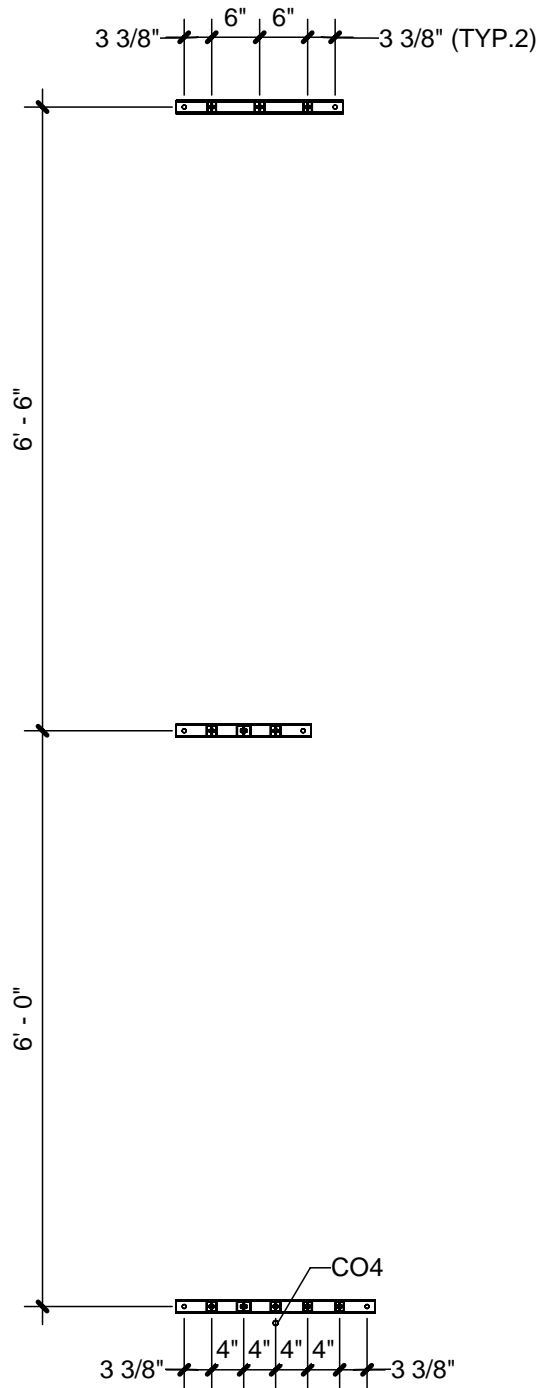
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
23-11-2021 17:53:55

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-9 3/16"				
02	2	1.25"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
03	5	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
04	4	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
05	1	20 7/8"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut		2' - 0 7/8"	3' - 4 7/8"	3' - 4 7/8"	
06	1	16 7/8"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut		1' - 8 7/8"	3' - 9 1/2"	3' - 9 1/2"	
07	1	12 7/8"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut		1' - 4 7/8"	3' - 4 7/8"	3' - 4 7/8"	



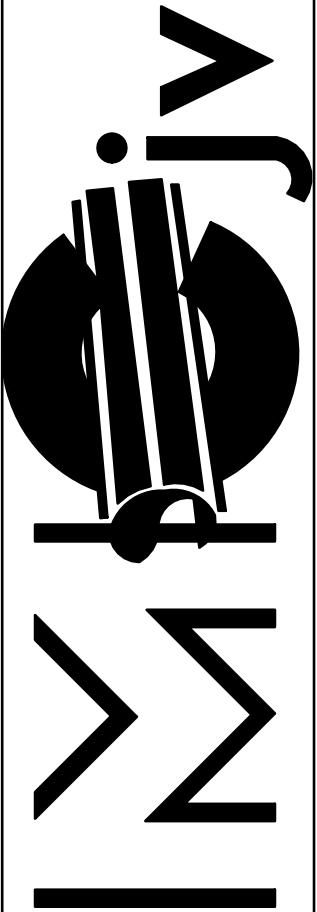
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

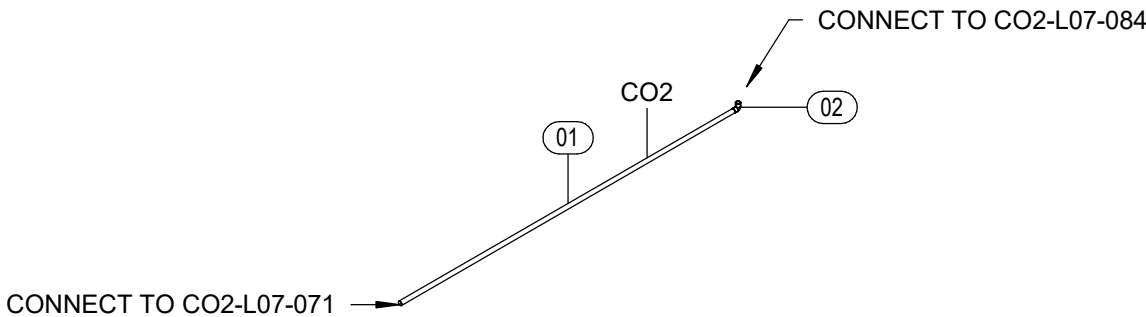
JOB: WASH U NRB	TICKET: PUHGR-L07-072	Drawn By: Author	DATE: 11/23/21
DATE REQ:			



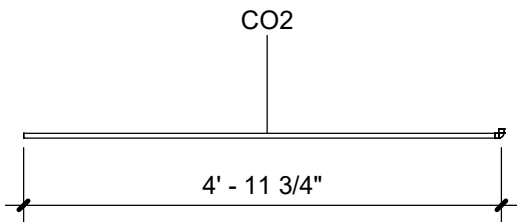
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
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BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
12/30/2021 10:43:42 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	4'-11 7/16"				
02	1	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					



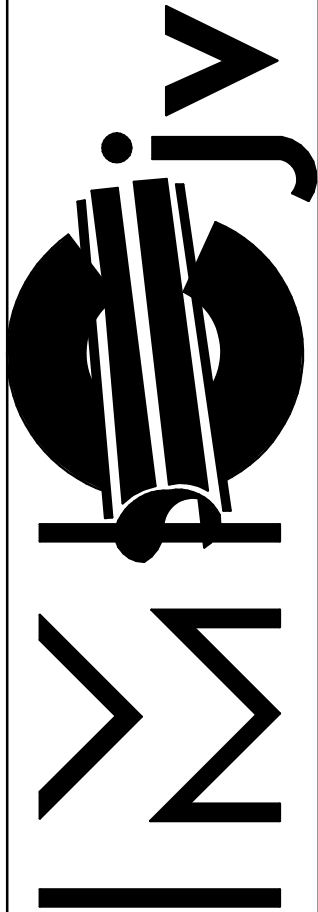
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

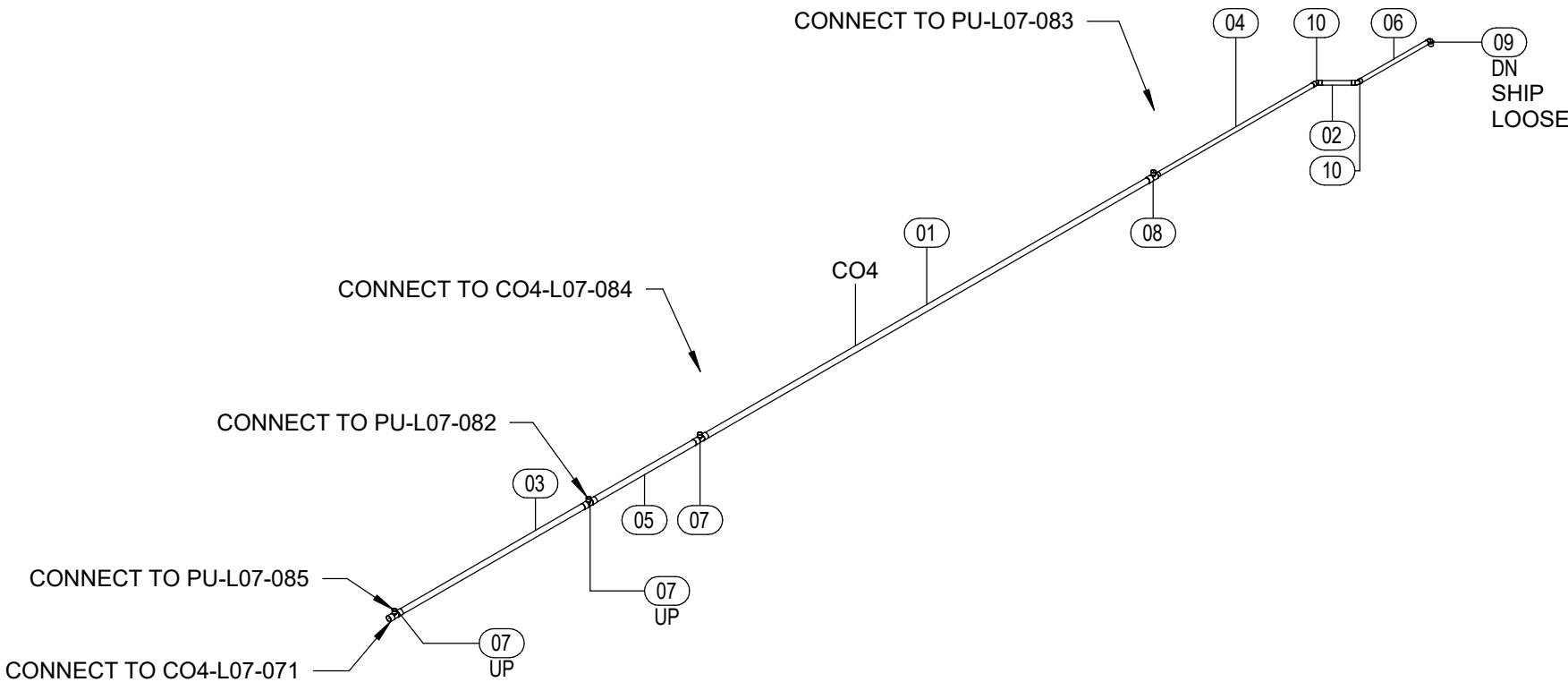
JOB: WASH U NRB  
TICKET: CO2-L07-072  
Drawn By: Author  
DATE: 11/23/21 DATE REQ:



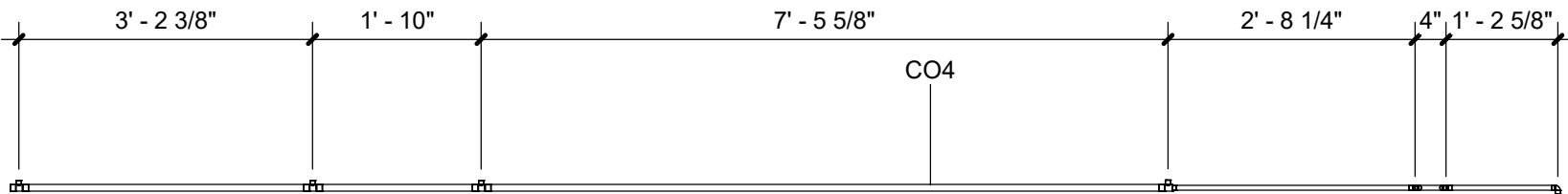
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
12/30/2021 10:56:13 AM

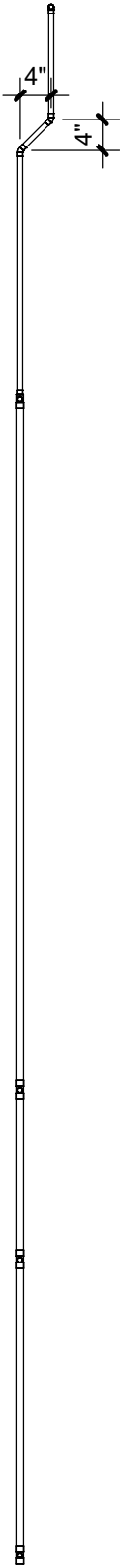
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	7'-4 3/4"				
02	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-5 1/16"				
03	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-1 1/2"				
04	1	1/2"	Cerro Type L Hard Copper - CFOS	2'-7 7/16"				
05	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-9 1/8"				
06	1	1/2"	Cerro Type L Hard Copper - CFOS	1'-1 15/16"				
07	3	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
08	1	3/4"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
09	1	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					
10	2	1/2"	Nibco 606-CB CFOS Wrot Copper 45 Elbow					



1 ISOMETRIC  
SCALE:



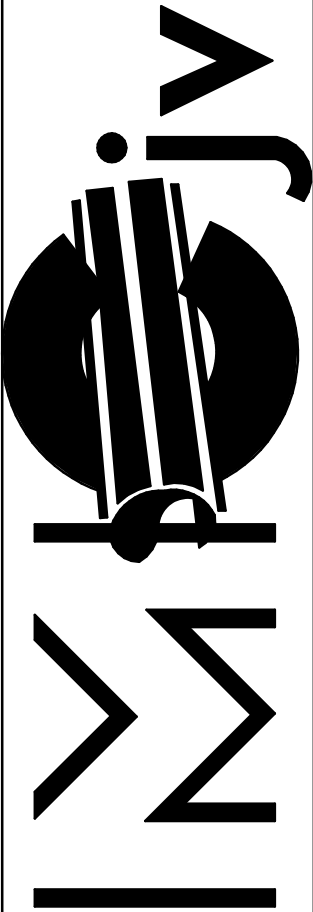
2 RIGHT ELEVATION  
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

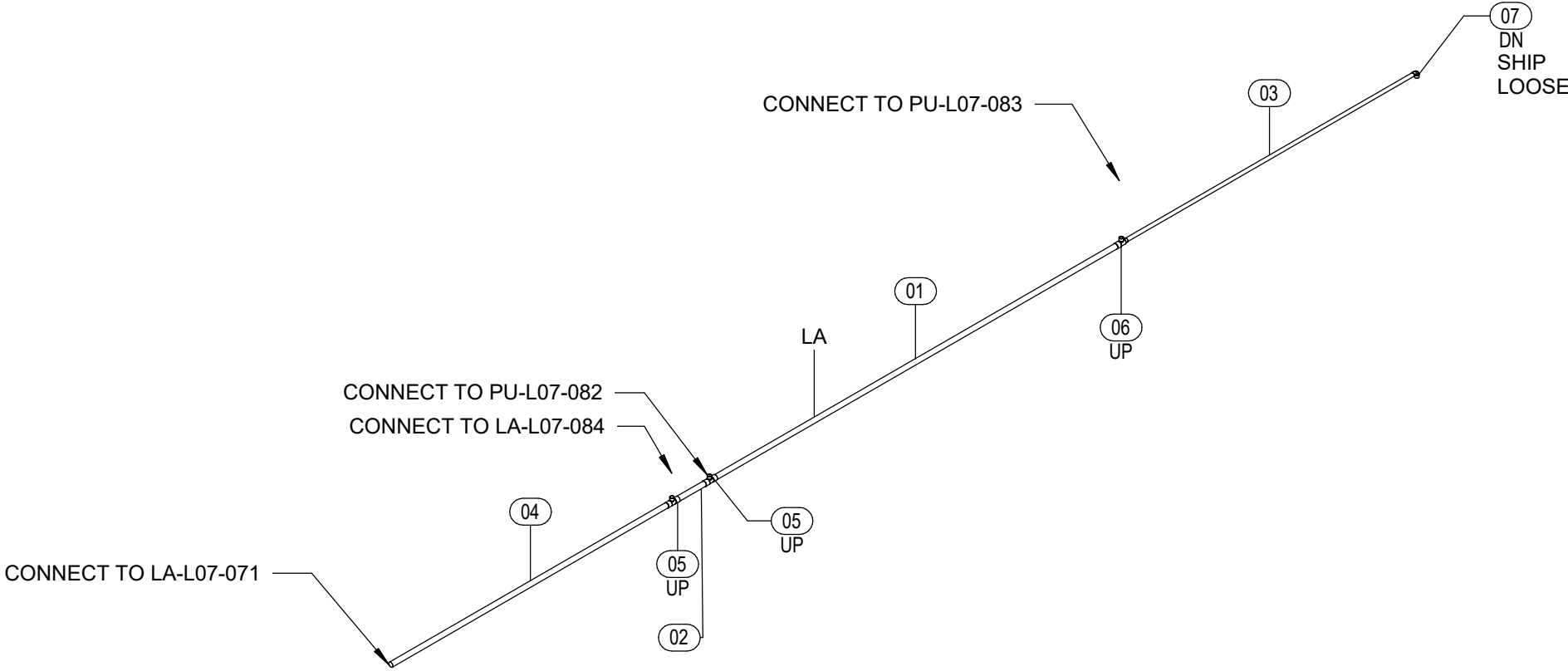
JOB: WASH U NRB  
TICKET: CO4-L07-072  
Drawn By: Author  
DATE: 11/23/21  
DATE REQ:



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

BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
12/30/2021 10:56:14 AM

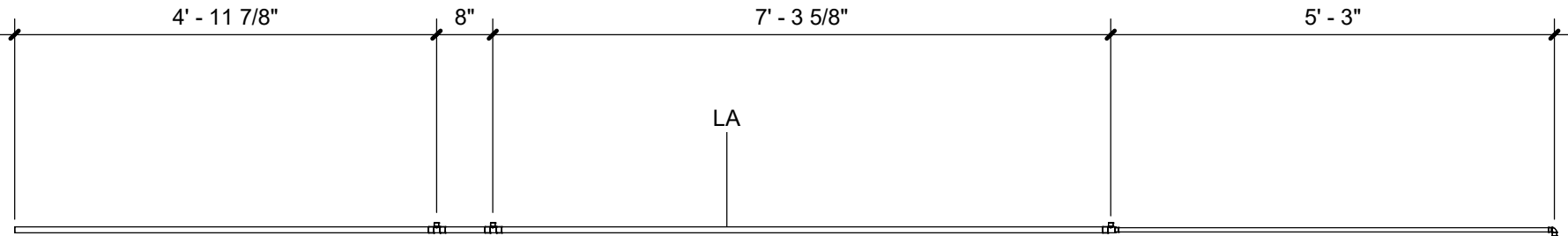
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	7'-2 3/4"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-7 1/8"				
03	1	1/2"	Cerro Type L Hard Copper - CFOS	5'-1 15/16"				
04	1	3/4"	Cerro Type L Hard Copper - CFOS	4'-11 1/2"				
05	2	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
06	1	3/4"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
07	1	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					



1

ISOMETRIC

SCALE:



2

RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

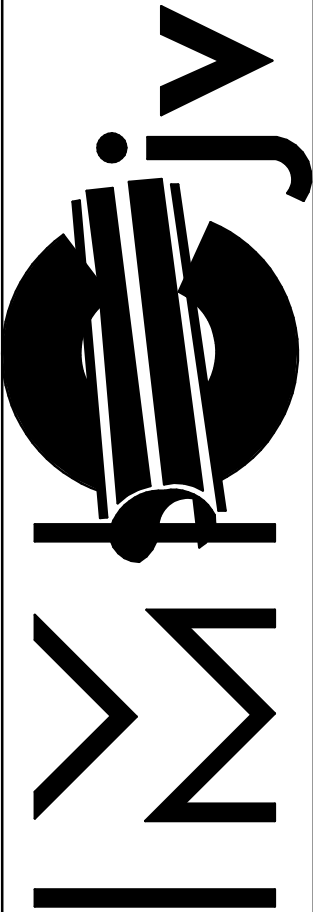
JOB: WASH U NRB

TICKET: LA-L07-072

Drawn By: Author

DATE: 11/23/21

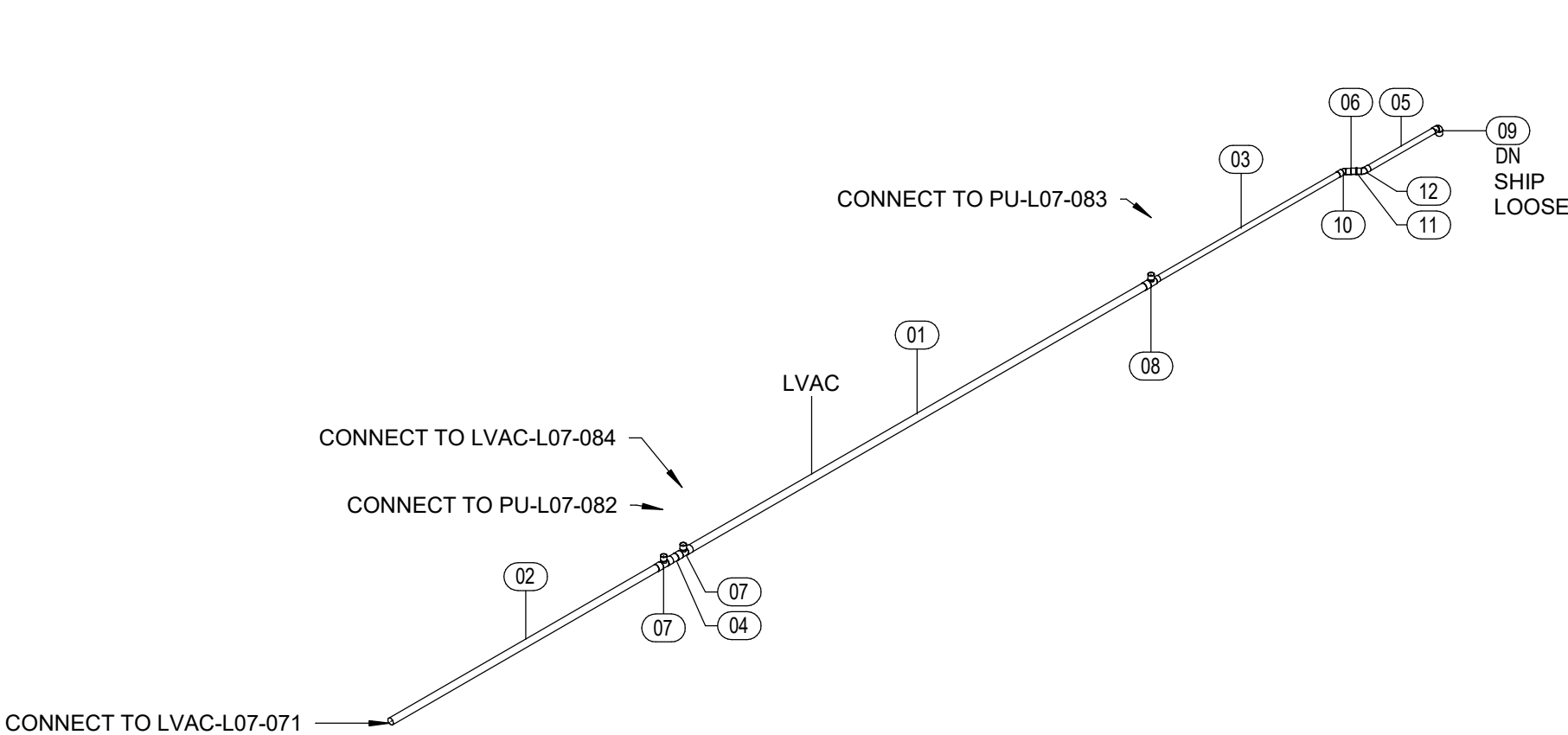
DATE REQ:



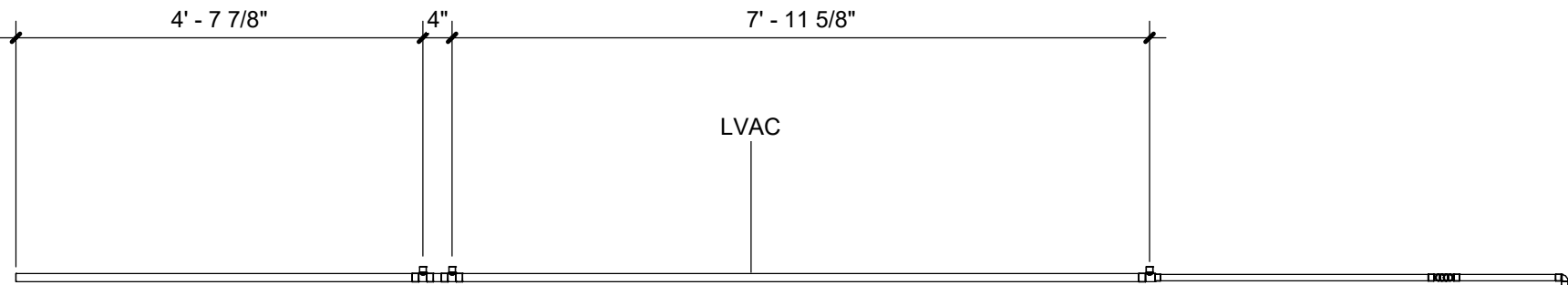
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BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
12/30/2021 10:56:15 AM

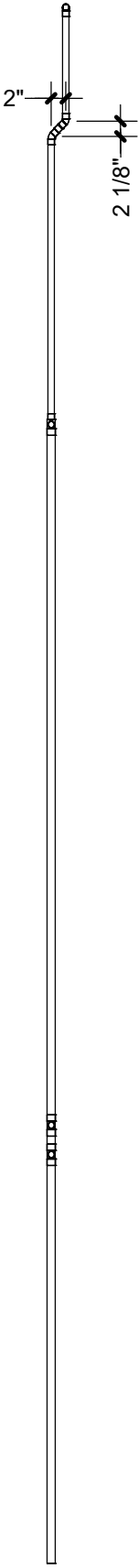
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1"	Cerro Type L Hard Copper - CFOS	7'-10 9/16"				
02	1	1"	Cerro Type L Hard Copper - CFOS	4'-7 1/4"				
03	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-2 1/4"				
04	1	1"	Cerro Type L Hard Copper - CFOS	0'-2 7/8"				
05	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-2 7/8"				
06	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-1 7/16"				
07	2	1"x3/4"x1"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
08	1	1"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
09	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
10	1	3/4"	Nibco 606-CB CFOS Wrot Copper 45 Elbow					
11	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					
12	1	3/4"	Elkhart 106-2 Wrot 45 Elbow Street FTGxC					



1 ISOMETRIC  
SCALE:



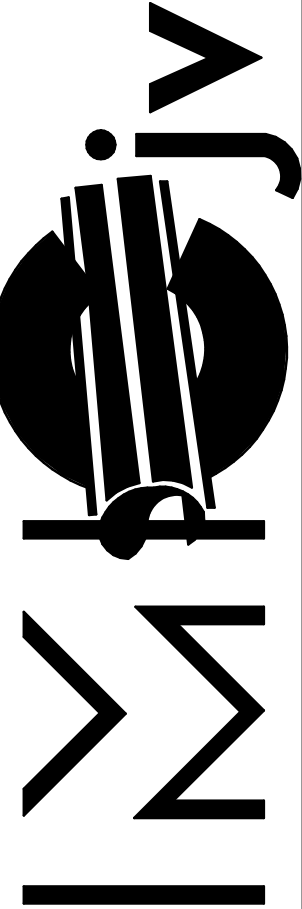
2 RIGHT ELEVATION  
SCALE: 1/2" = 1'-0"



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

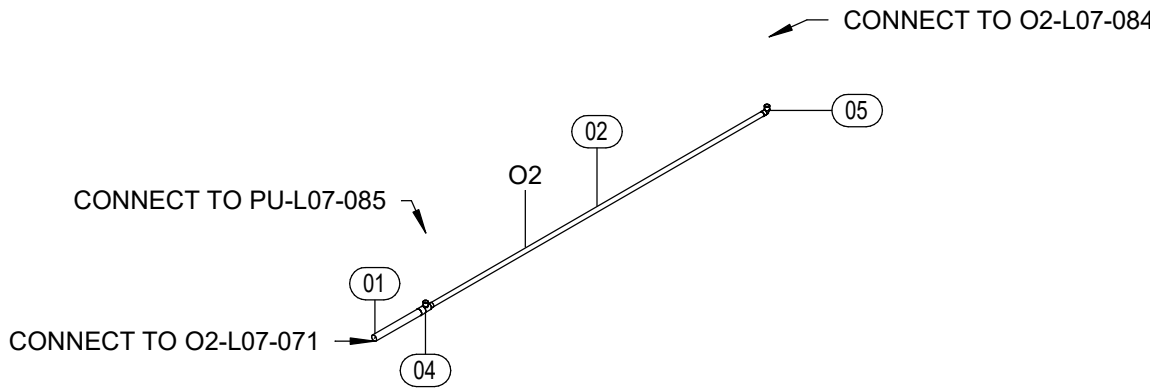
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB	LVAC-L07-072	Drawn By: Author	DATE: 11/23/21
TICKET:			
DATE REQ:			



BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
12/30/2021 10:56:15 AM

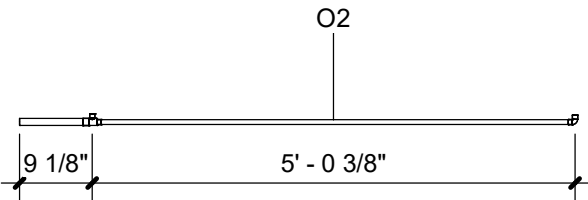
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-8 11/16"				
02	1	1/2"	Cerro Type L Hard Copper - CFOS	4'-11 7/16"				
03	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-10 13/16"				
04	1	3/4"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
05	1	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					



1

ISOMETRIC

SCALE:



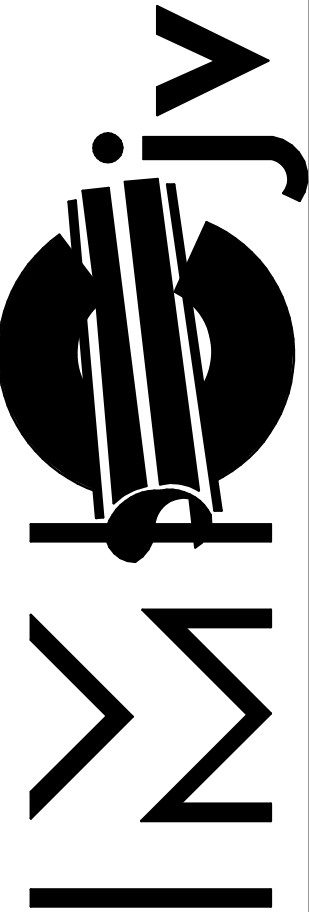
2

RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	O2-L07-072
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



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314-997-6600 phone