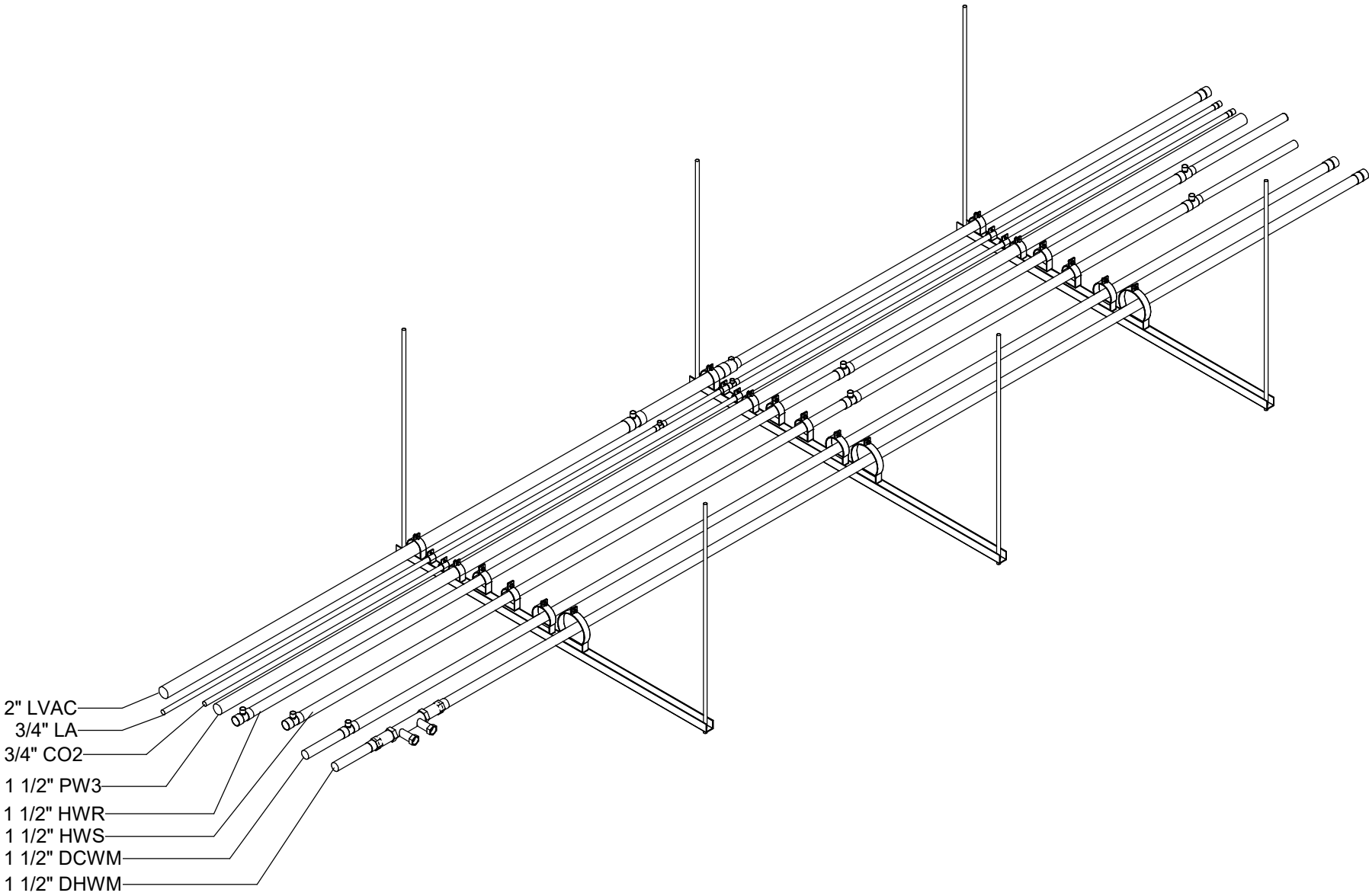
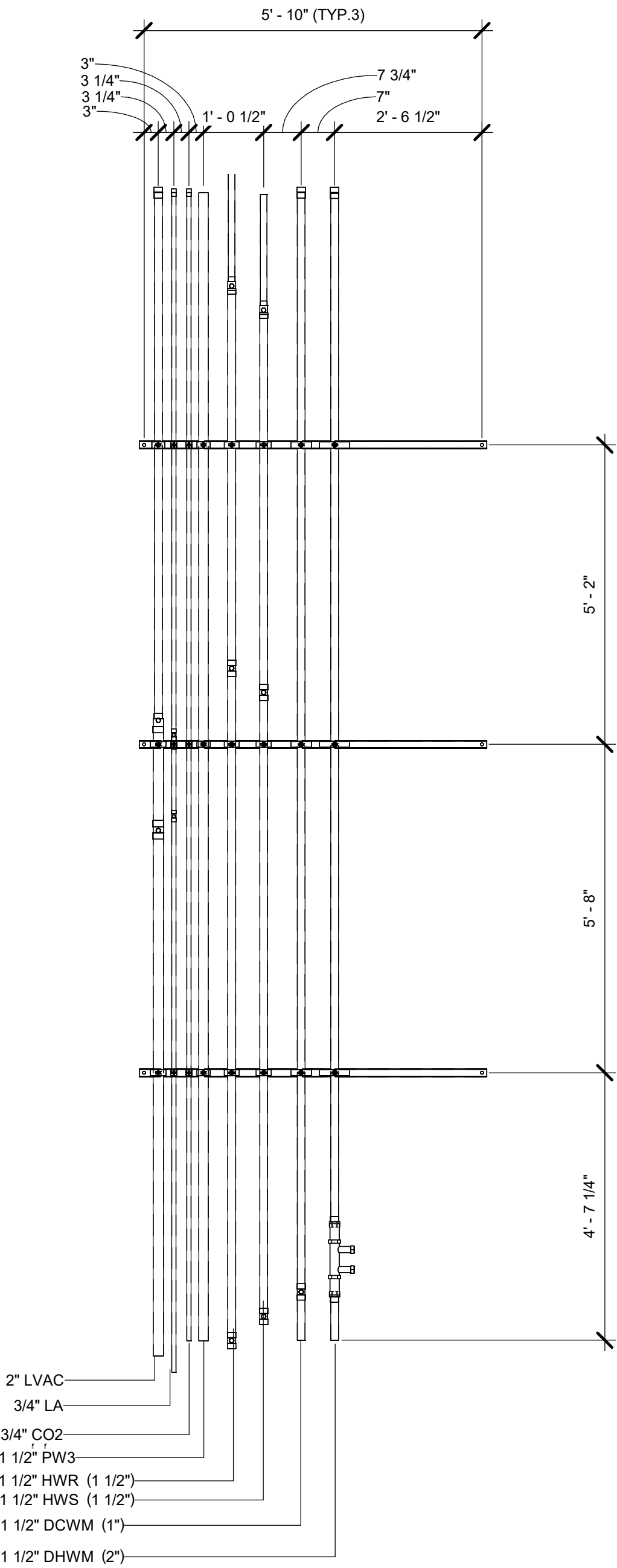


BIM 360/WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
12/30/2021 12:46:18 PM



1 AS-L07-065 - ISOMETRIC
AS-L07-065 SCALE:



2 AS-L07-065
AS-L07-065 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

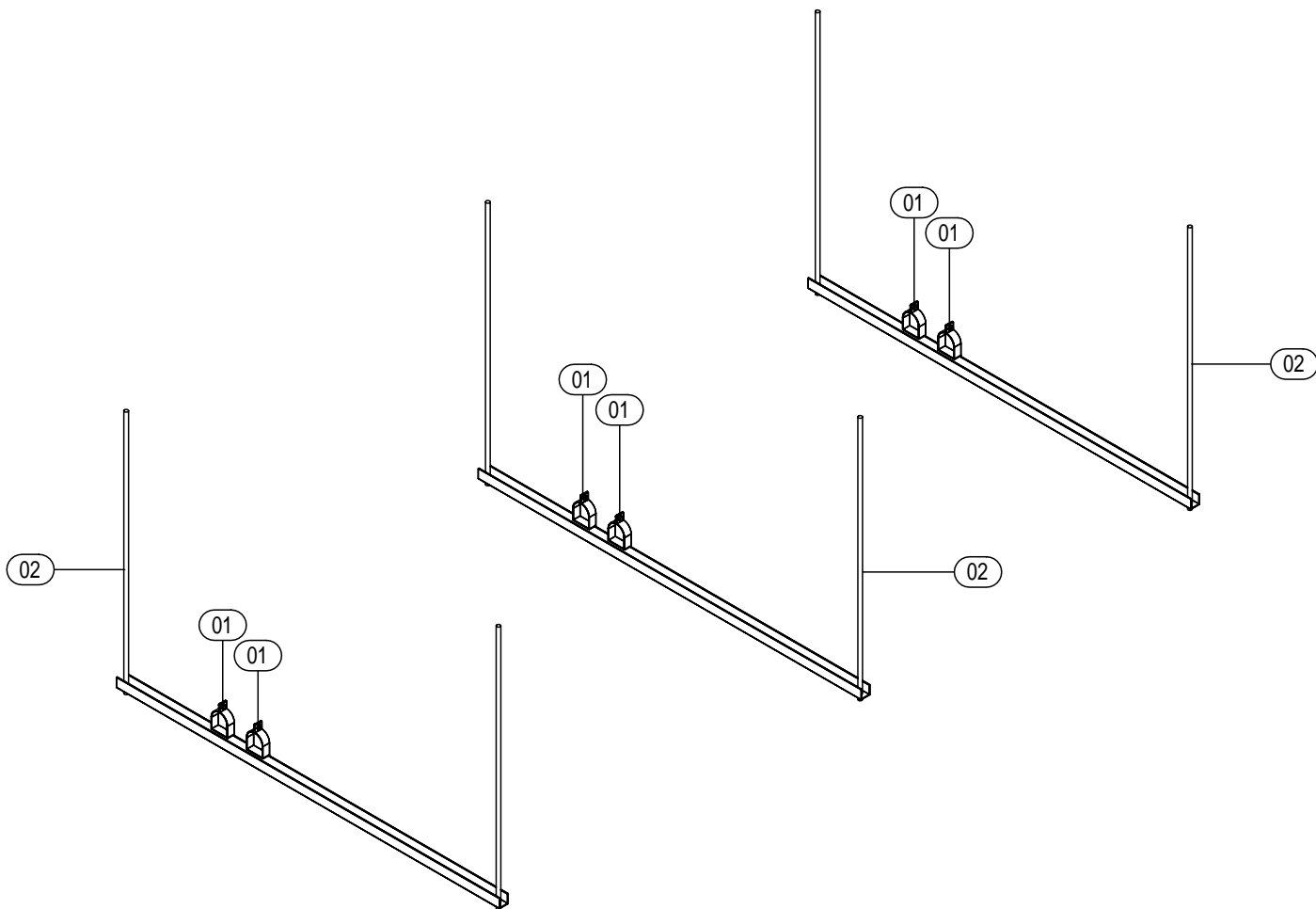
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TICKET: AS-L07-065
Drawn By: Author
DATE: 11/23/21 DATE REQ:



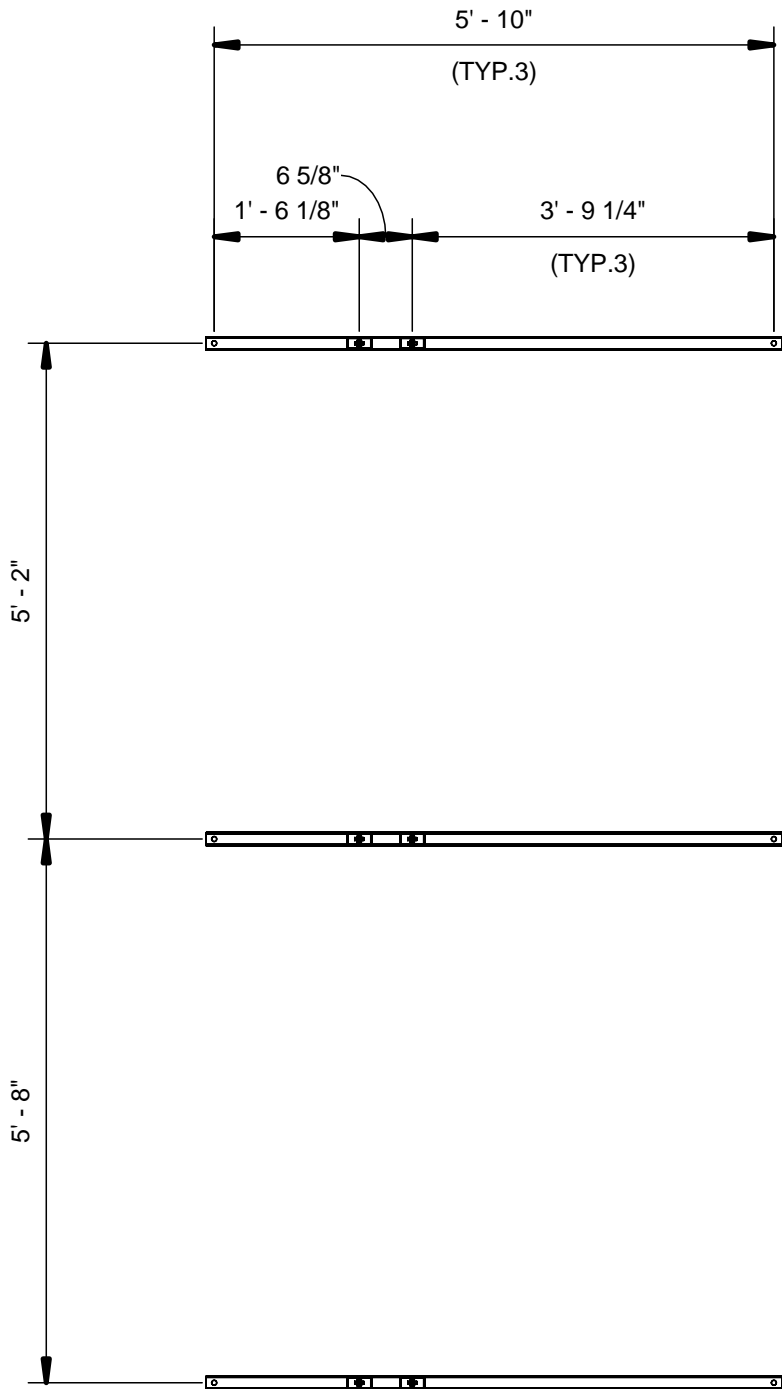
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360/WUSM NRBWUSM_RB_HPE.rvt
23-11-2021 11:36:53

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	6	2.5"	B-Line D2000 ZN Sch. 40 Pipe Clamp	6"			0"	
02	3	68"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut		6" - 0"	3' - 10"	3' - 10"	
01	6	4 5/8"	B-LINE #2058					



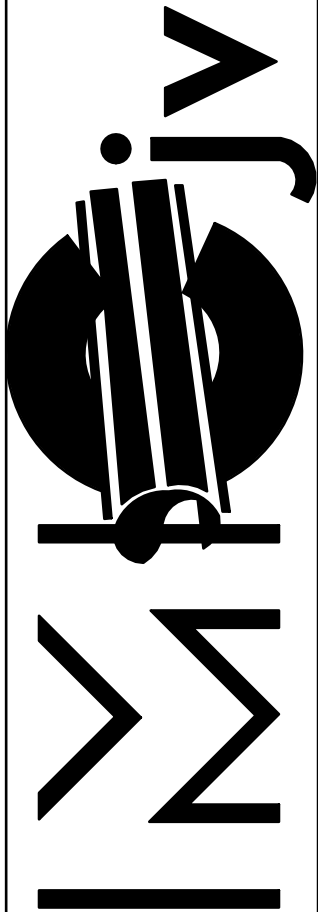
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

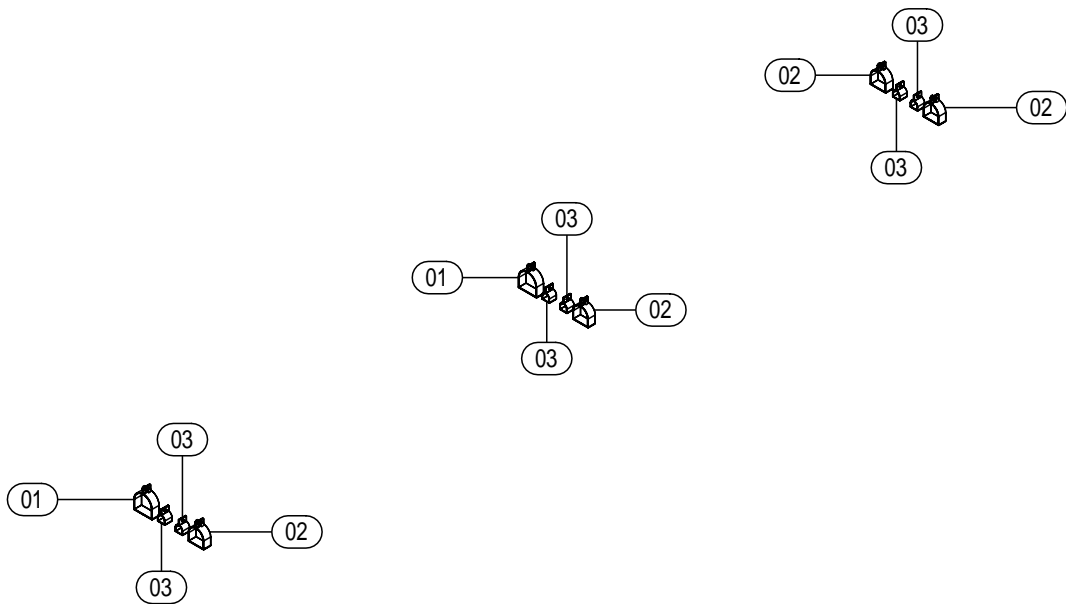
JOB:	WASH U NRB
TICKET:	HPHGR-L07-065
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



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

BIM 360//WUSM NRBWUSM_RB_PUF.rvt
23-11-2021 17:52:31

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	2	2.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
02	4	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
03	6	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	



1

ISOMETRIC

SCALE:



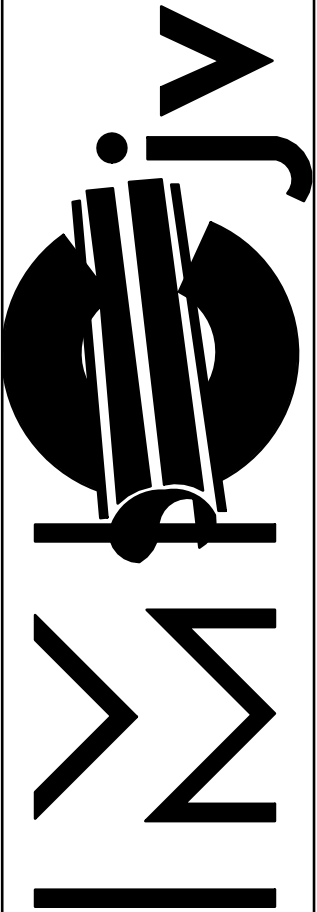
2

TOP VIEW

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

A1	A3	B1	B3
A2	A4	B2	B4

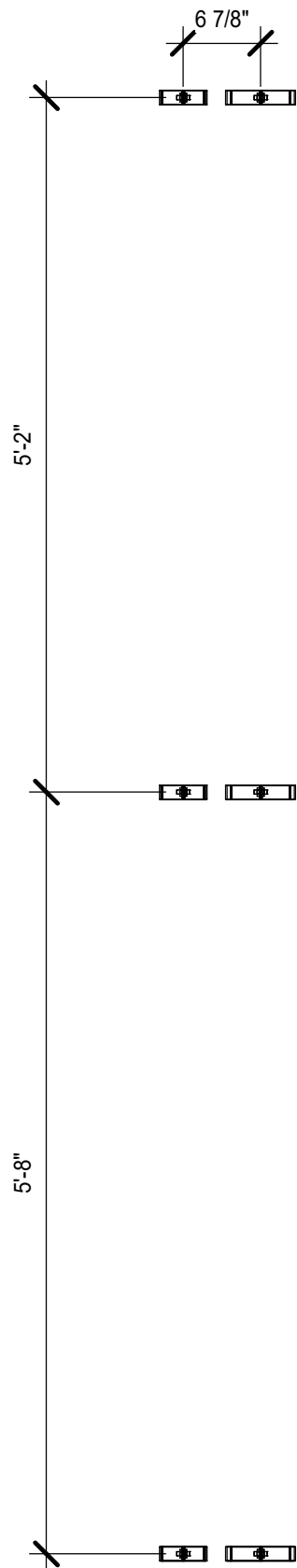
JOB:	WASH U NRB
TICKET:	PUHGR-L07-065
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



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

BIM 360://WUSM NRB/WUSM RB_PLF.rvt
2/1/2022 1:26:11 PM

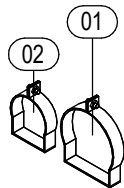
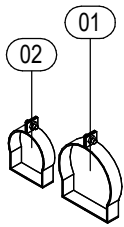
Mark	Qty	Size	Description
01	3	5.13"	B-Line B2000 Series - OD Pipe and Conduit
02	3	3.63"	B-Line B2000 Series - OD Pipe and Conduit



2 Elevation Top
SCALE: 3/4" = 1'-0"

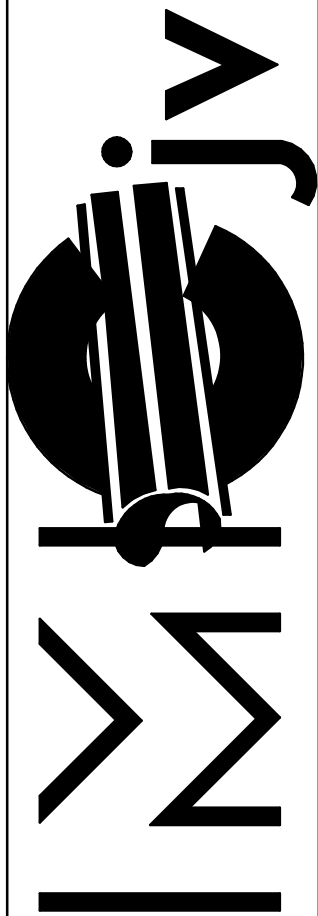


1 ISOMETRIC



A1	A3	B1	B3
A2	A4	B2	B4

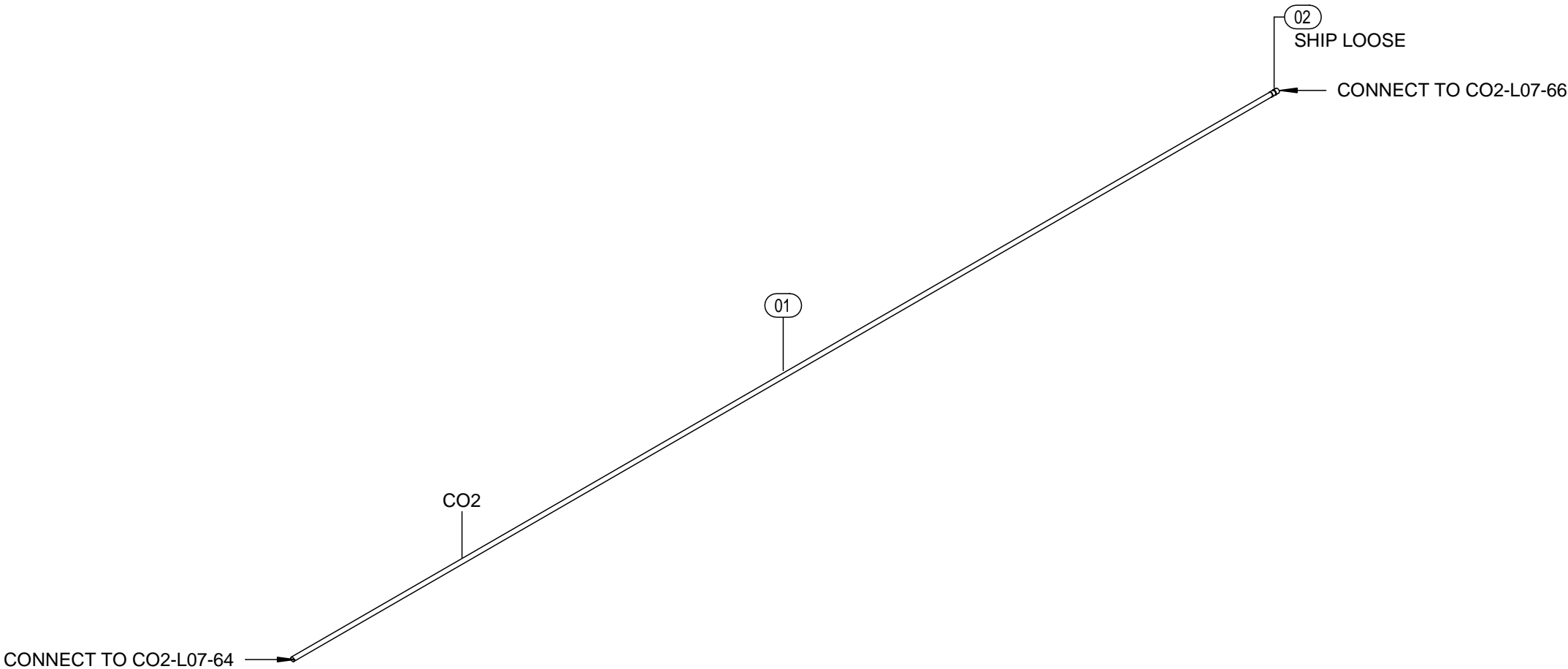
JOB: WASH U NRB	TICKET: PPHGR-L07-065	Drawn By: Author	DATE REQ: 02/01/22
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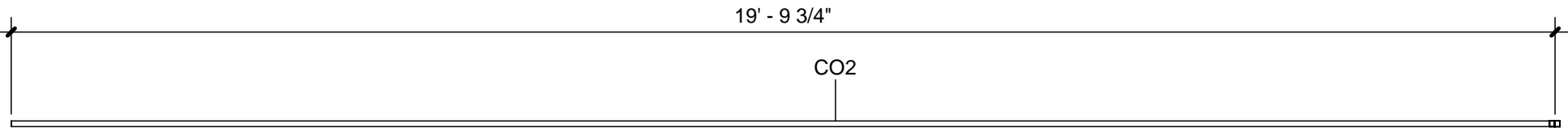
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360//WUSM NRBWUSM_RB_PUF.rvt
23-11-2021 15:30:16

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	19'-9 11/16"				
02	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



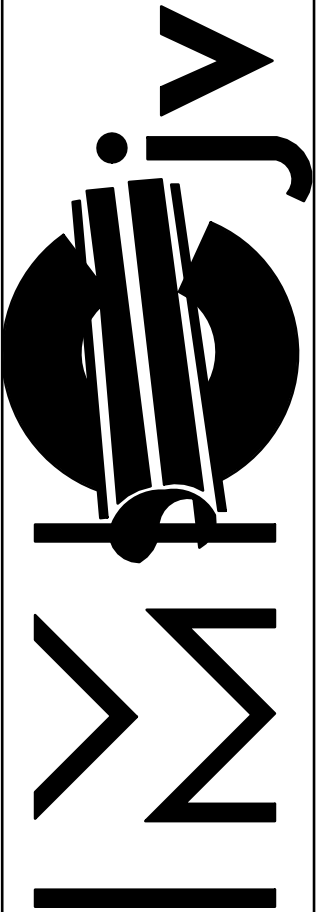
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

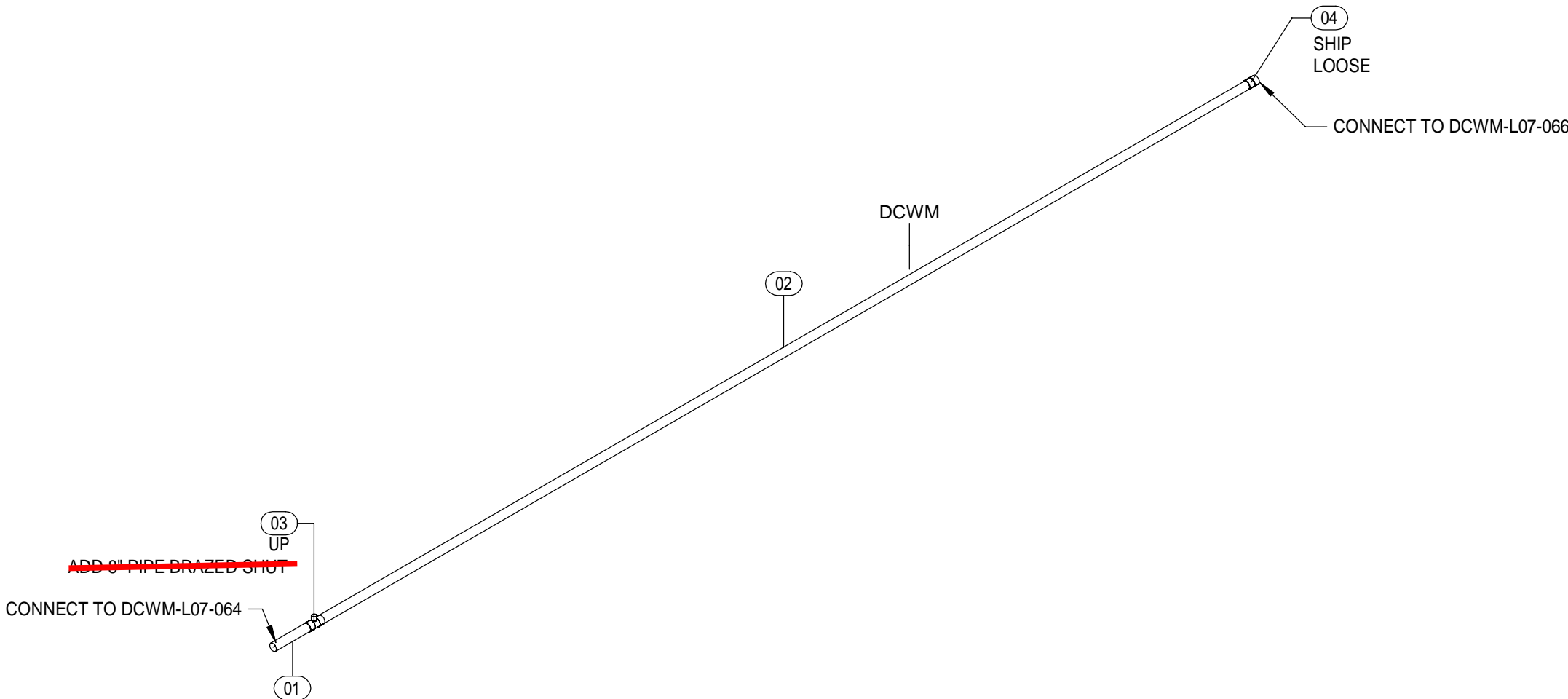
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TICKET:	CO2 -L07-065
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



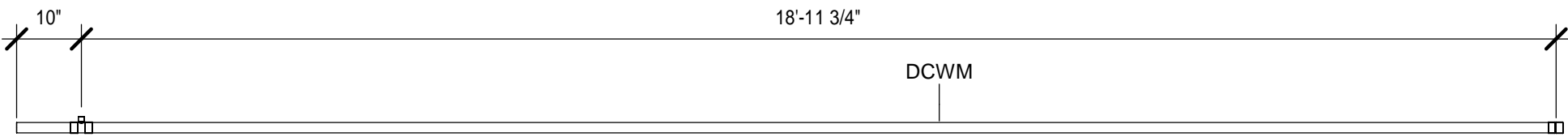
1233 N. Price Rd.
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314-997-6600 phone

BIM 360://WUSM NRB/WUSM_RB_PLF.rvt
19-11-2021 11:09:04

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	0'-9 7/16"				1"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	18'-11"				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"



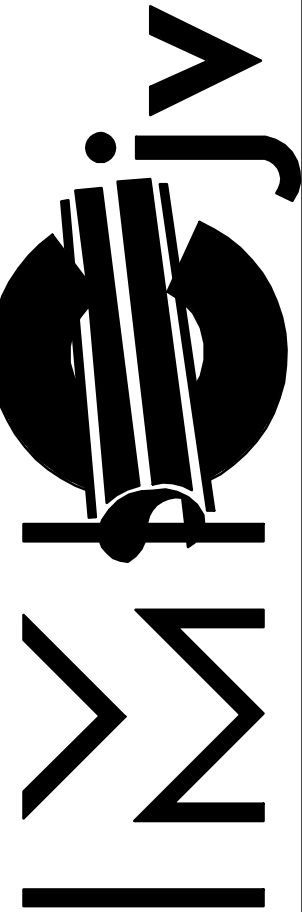
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

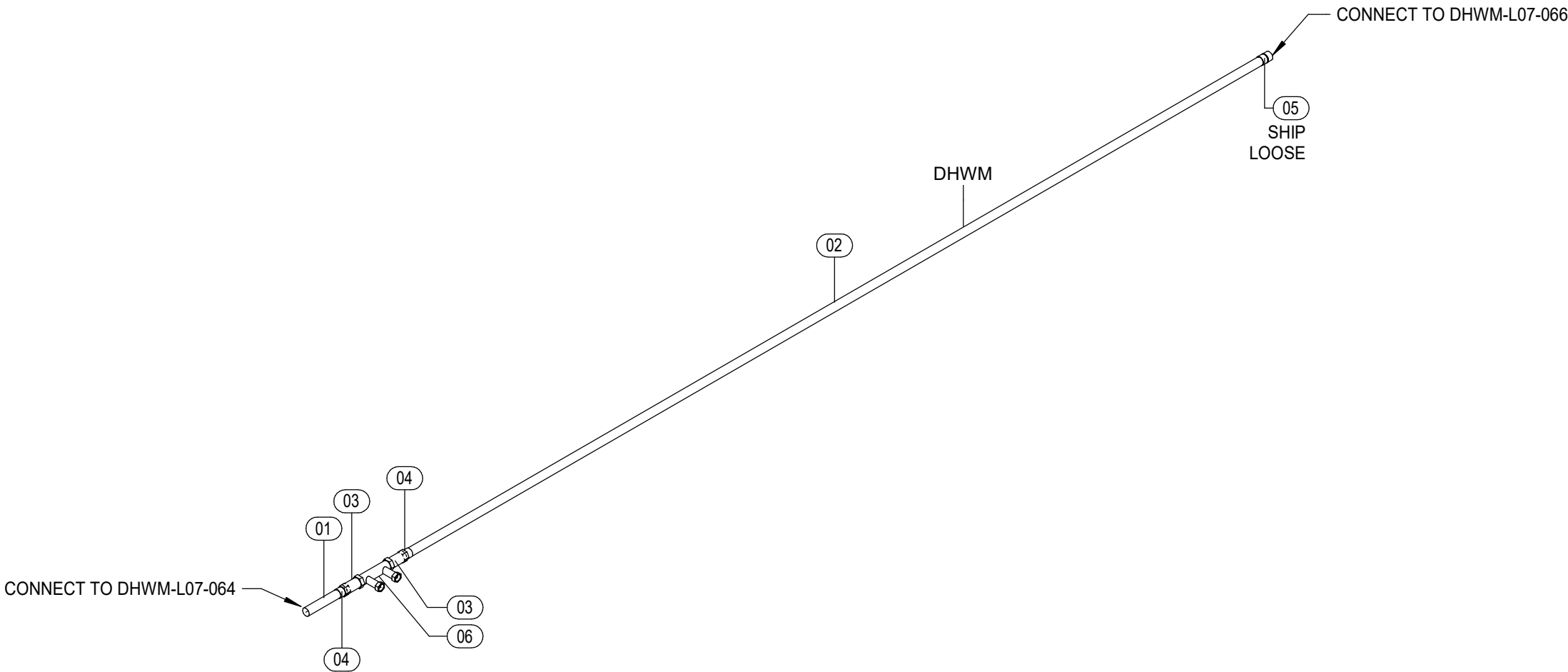
JOB:	WASH U NRB
TICKET:	DCWM-L07-065
Drawn By: Author	
DATE: 11/19/21	DATE REQ:



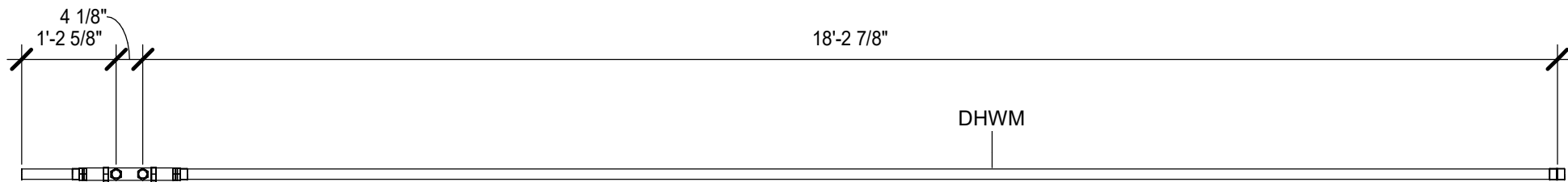
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
11/19/2021 11:44:34 AM

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 15/16"				2"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	17'-9"				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"



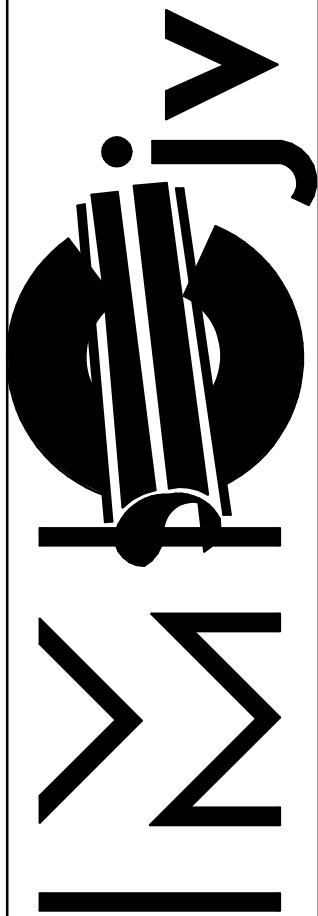
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

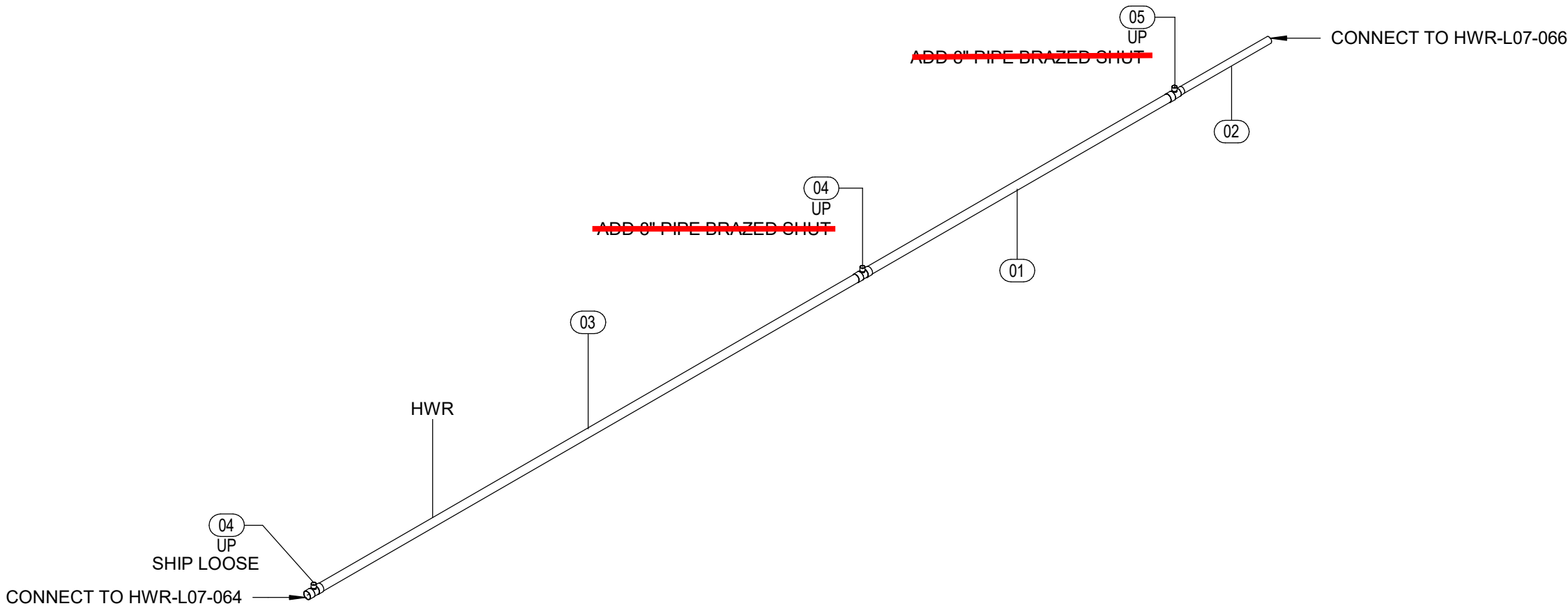
JOB:	WASH U NRB
TICKET:	DHWM-L07-065
Drawn By: Author	
DATE: 11/19/21	DATE REQ:



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

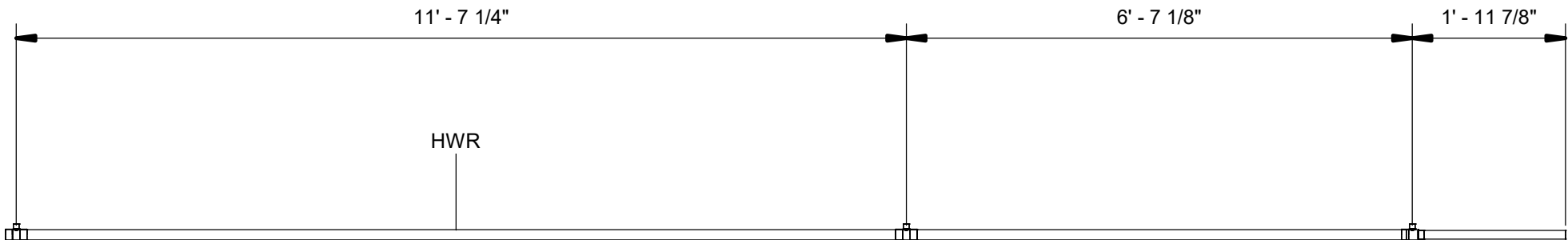
BIM 360://WUSM NRBWUSM_RB_HPF.rvt
12/30/2021 12:47:00 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type K Hard Copper Pipe	6'-5 5/8"				1 1/2"
02	1	1 1/4"	Cerro Type K Hard Copper Pipe	1'-11"				1"
03	1	1 1/2"	Cerro Type K Hard Copper Pipe	11'-6"				1 1/2"
04	2	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
05	1	1 1/2"x1 1/4"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
06	1	1 1/4"	Generic Solder Joint					1"



1 ISOMETRIC

SCALE:

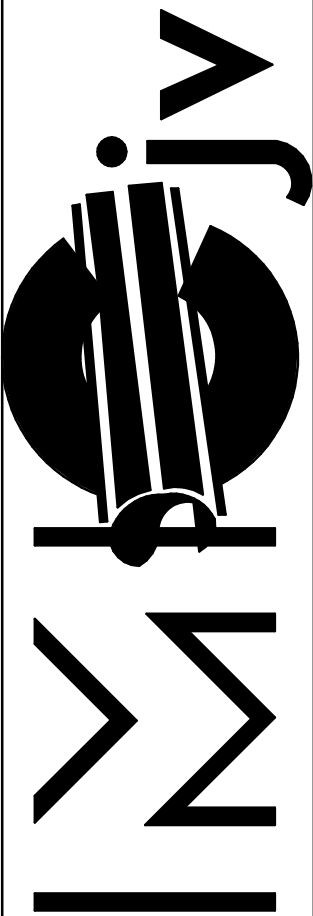


2 RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

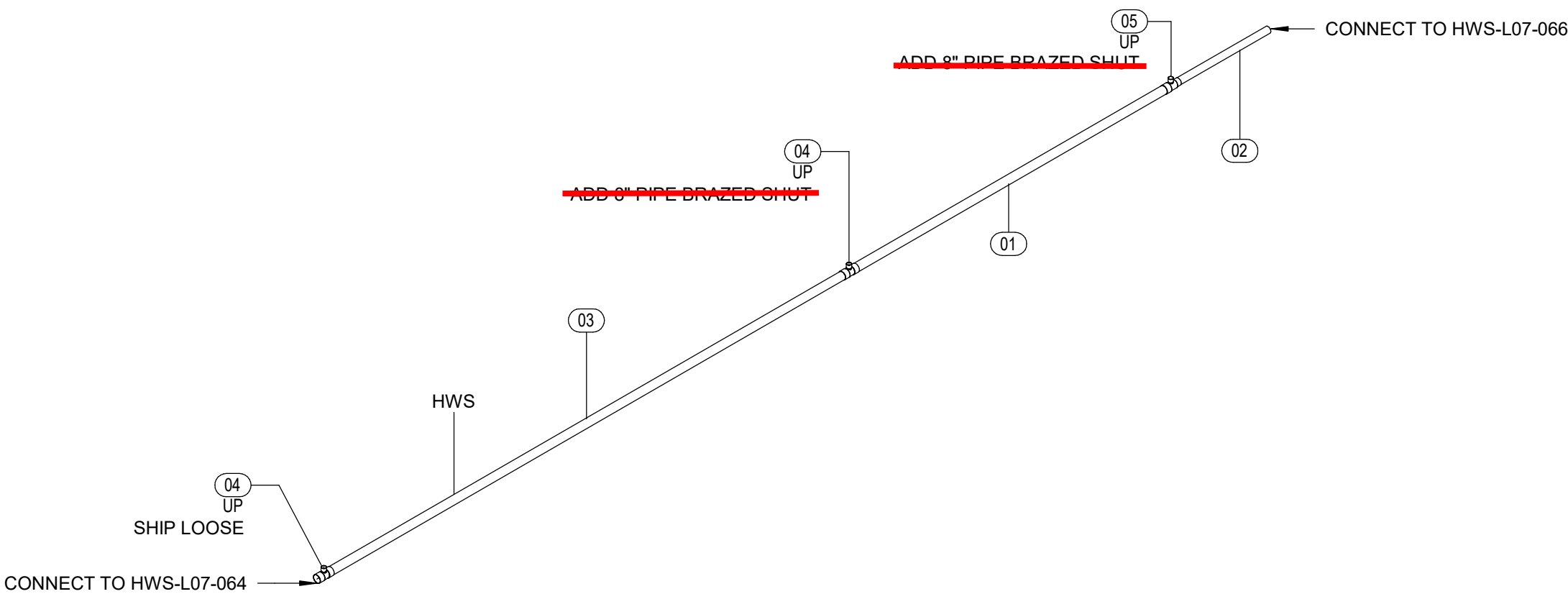
JOB:	210140 - WASH U NRB
TICKET:	HWR-L07-065
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



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314-997-6600 phone

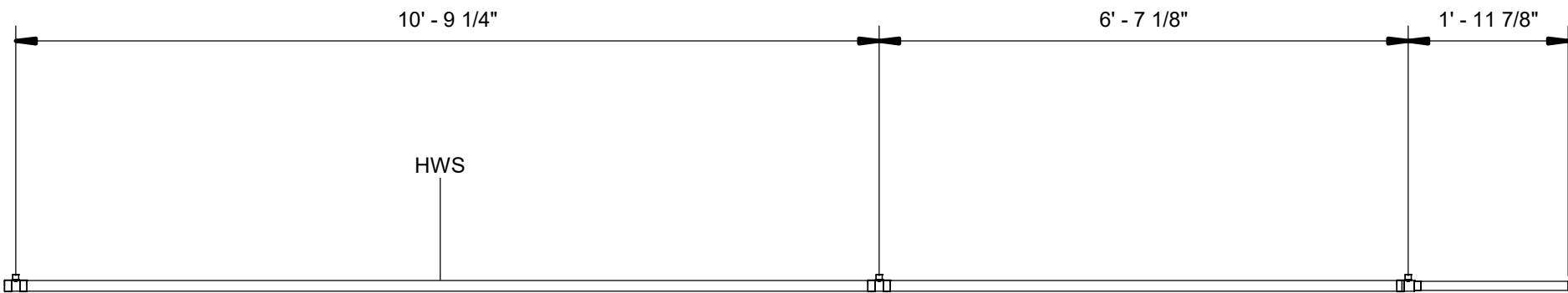
BIM 360://WUSM NRBWUSM_RB_HPF.rvt
12/30/2021 12:46:41 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type K Hard Copper Pipe	6'-5 5/8"				1 1/2"
02	1	1 1/4"	Cerro Type K Hard Copper Pipe	1'-11"				1"
03	1	1 1/2"	Cerro Type K Hard Copper Pipe	10'-8"				1 1/2"
04	2	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
05	1	1 1/2"x1 1/4"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
06	1	1 1/4"	Generic Solder Joint					1"



1 ISOMETRIC

SCALE:

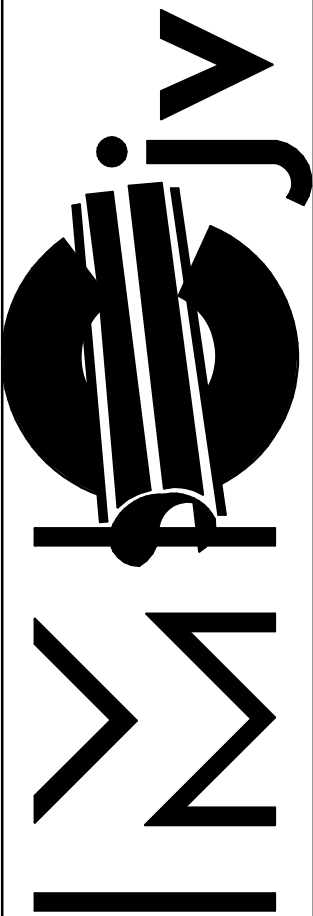


2 RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

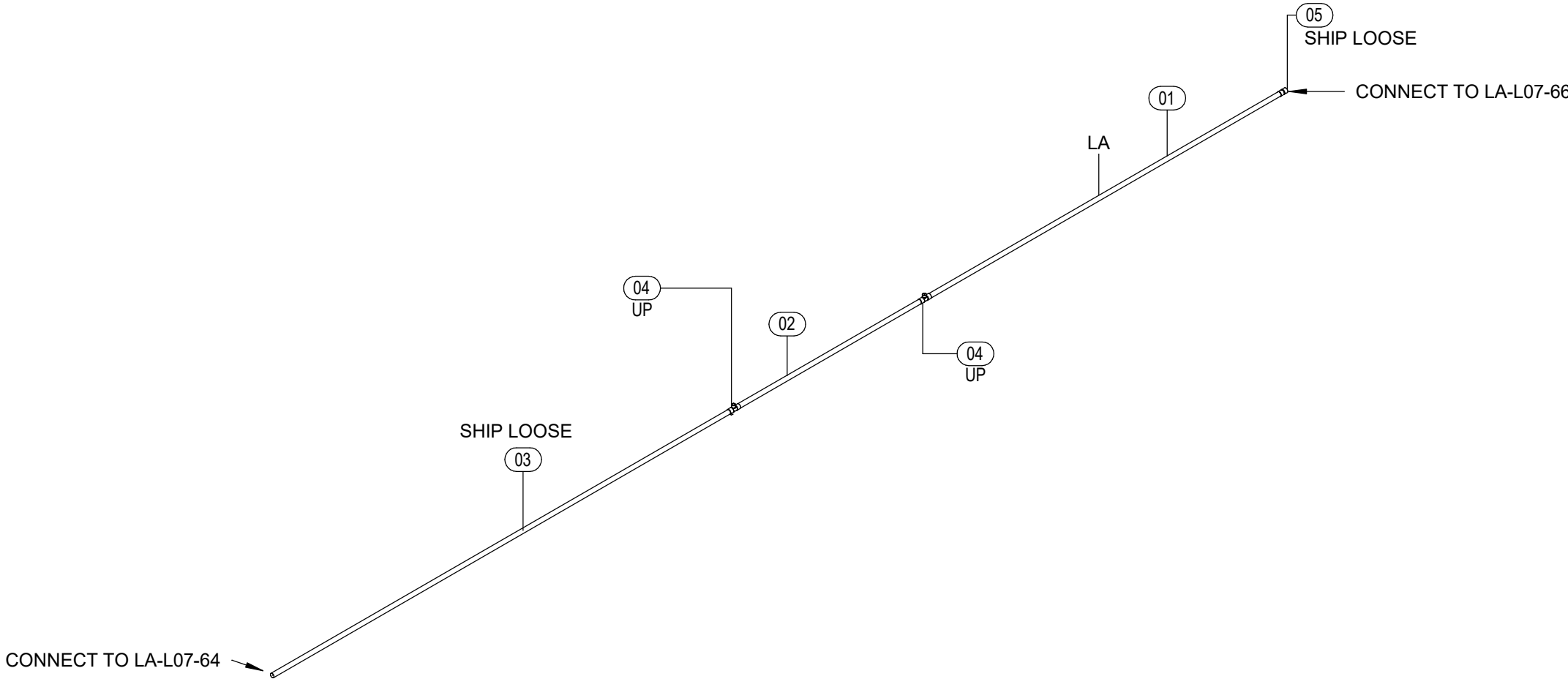
JOB:	210140 - WASH U NRB
TICKET:	HWS-L07-065
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



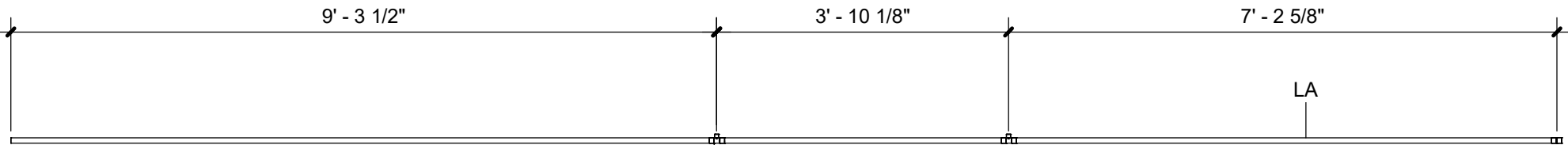
1233 N. Price Rd.
St. Louis, Mo 63132-2303
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
2/8/2022 1:02:30 PM

Mark	Qty	Size	Description	Length	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	7'-2"	
02	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-9 1/4"	
03	1	3/4"	Cerro Type L Hard Copper - CFOS	9'-3 1/8"	
04	2	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
05	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		



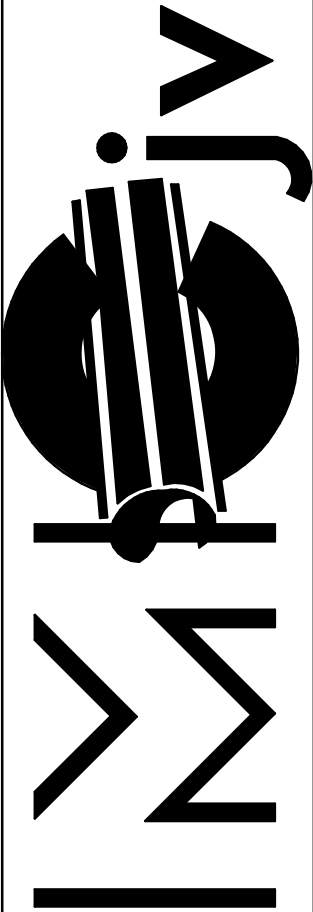
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

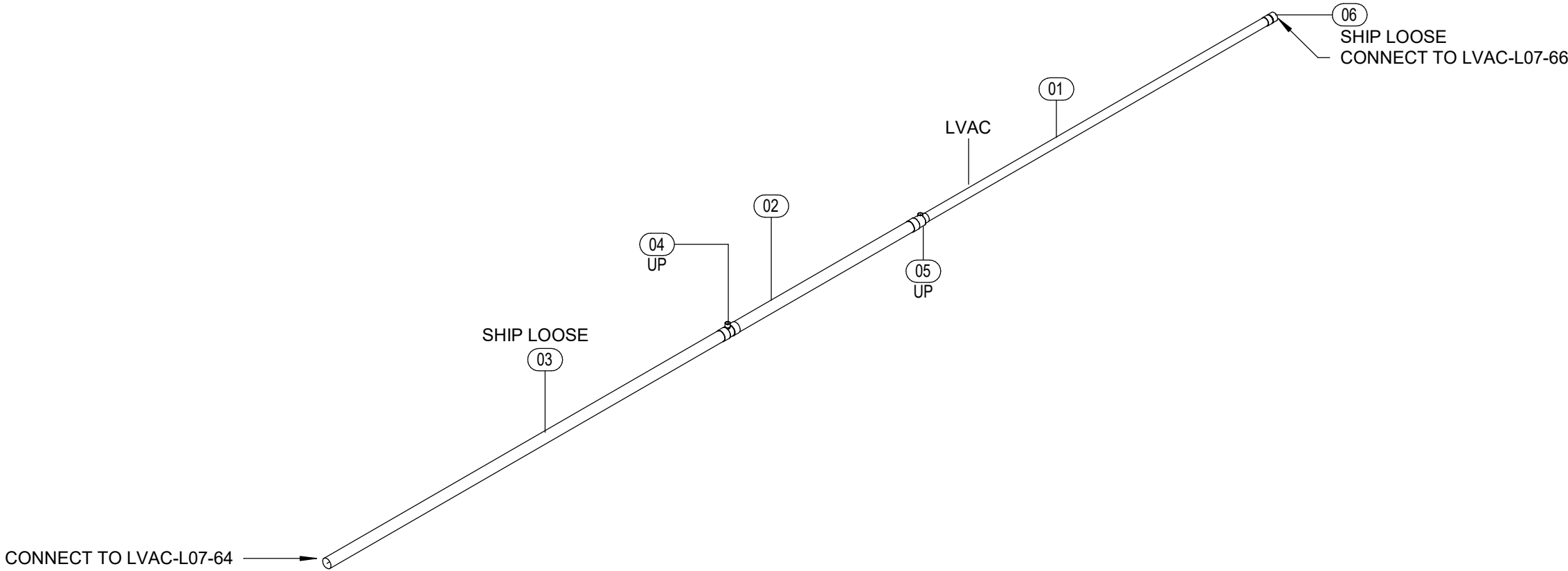
JOB:	WASH U NRB
TICKET:	LA -L07-065
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



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

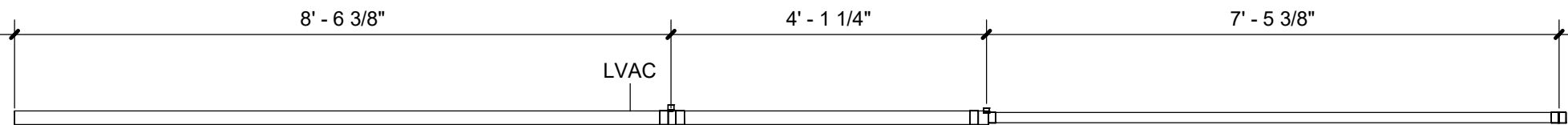
BIM 360://WUSM NRBWUSM_RB_PUF.rvt
2/8/2022 1:02:52 PM

Mark	Qty	Size	Description	Length	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper - CFOS	7'-4 7/8"	
02	1	2"	Cerro Type L Hard Copper - CFOS	3'-11 1/4"	
03	1	2"	Cerro Type L Hard Copper - CFOS	8'-6"	
04	1	2"x3/4"x2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
05	1	2"x3/4"x1 1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
06	1	1 1/2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		



1 ISOMETRIC

SCALE:

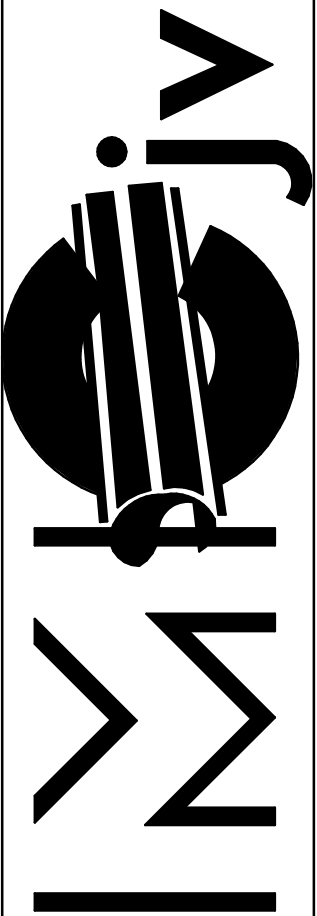


2 RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

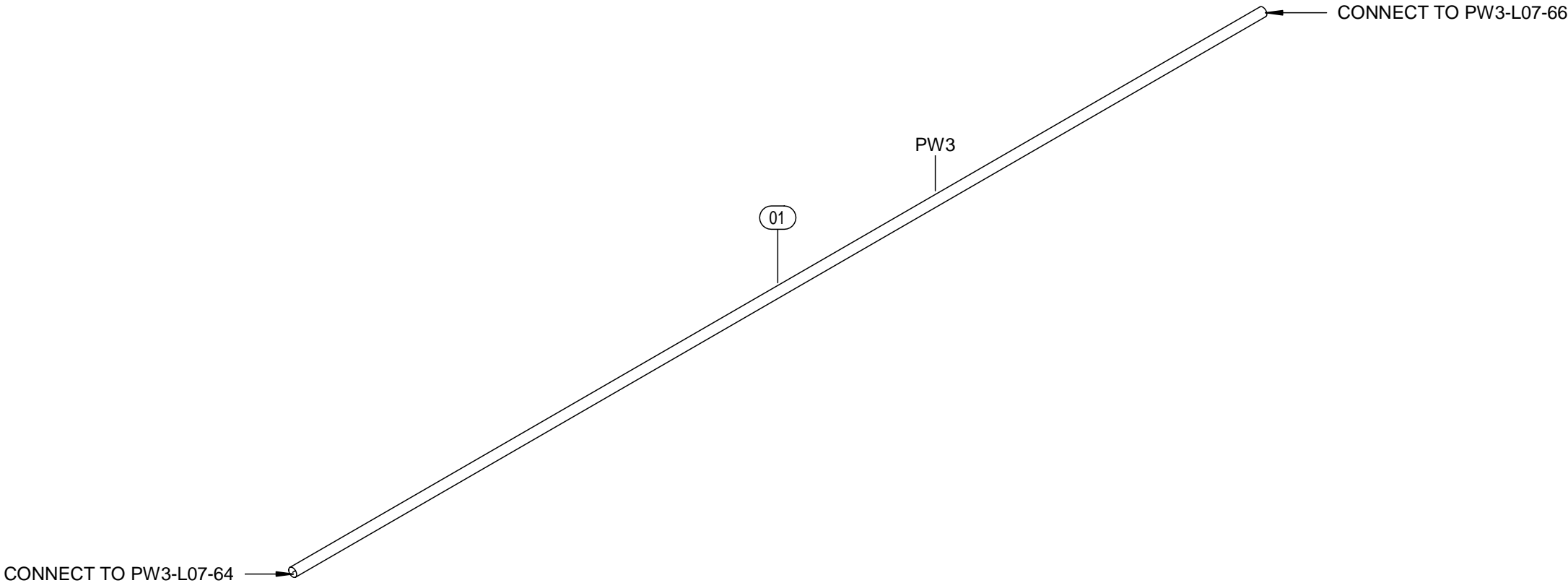
JOB:	WASH U NRB
TICKET:	LVAC -L07-065
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



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

BIM 360//WUSM NRBWUSM_RB_PUF.rvt
23-11-2021 15:29:40

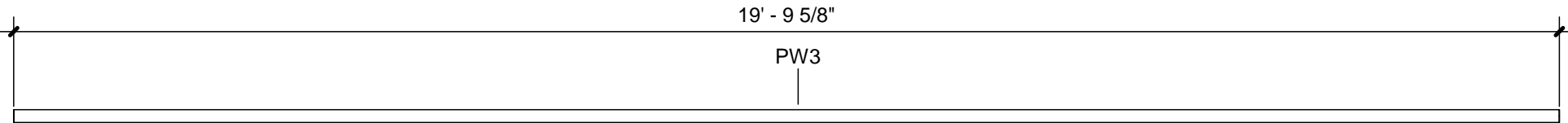
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	19'-9 11/16"				



1

ISOMETRIC

SCALE:



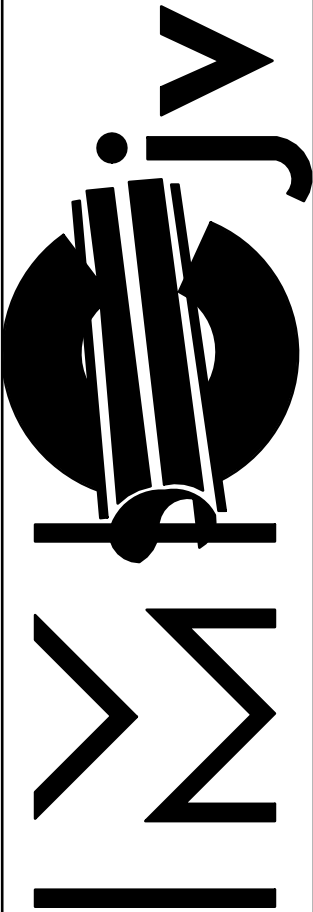
2

RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW3 -L07-065
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



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314-997-6600 phone