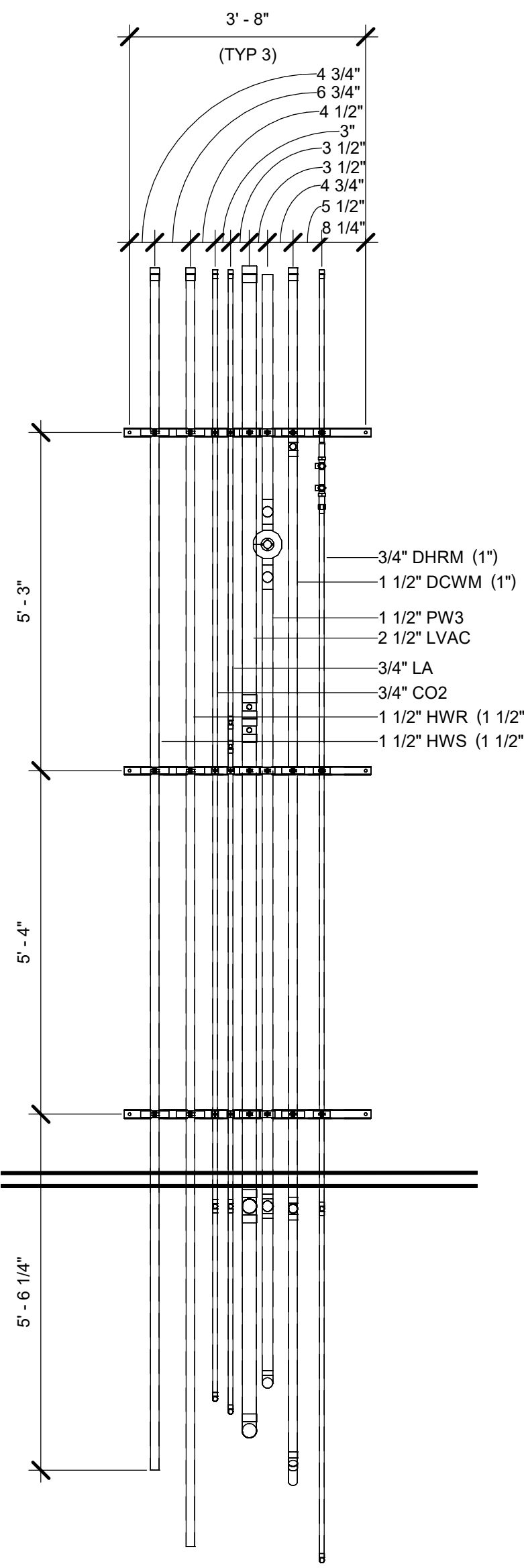
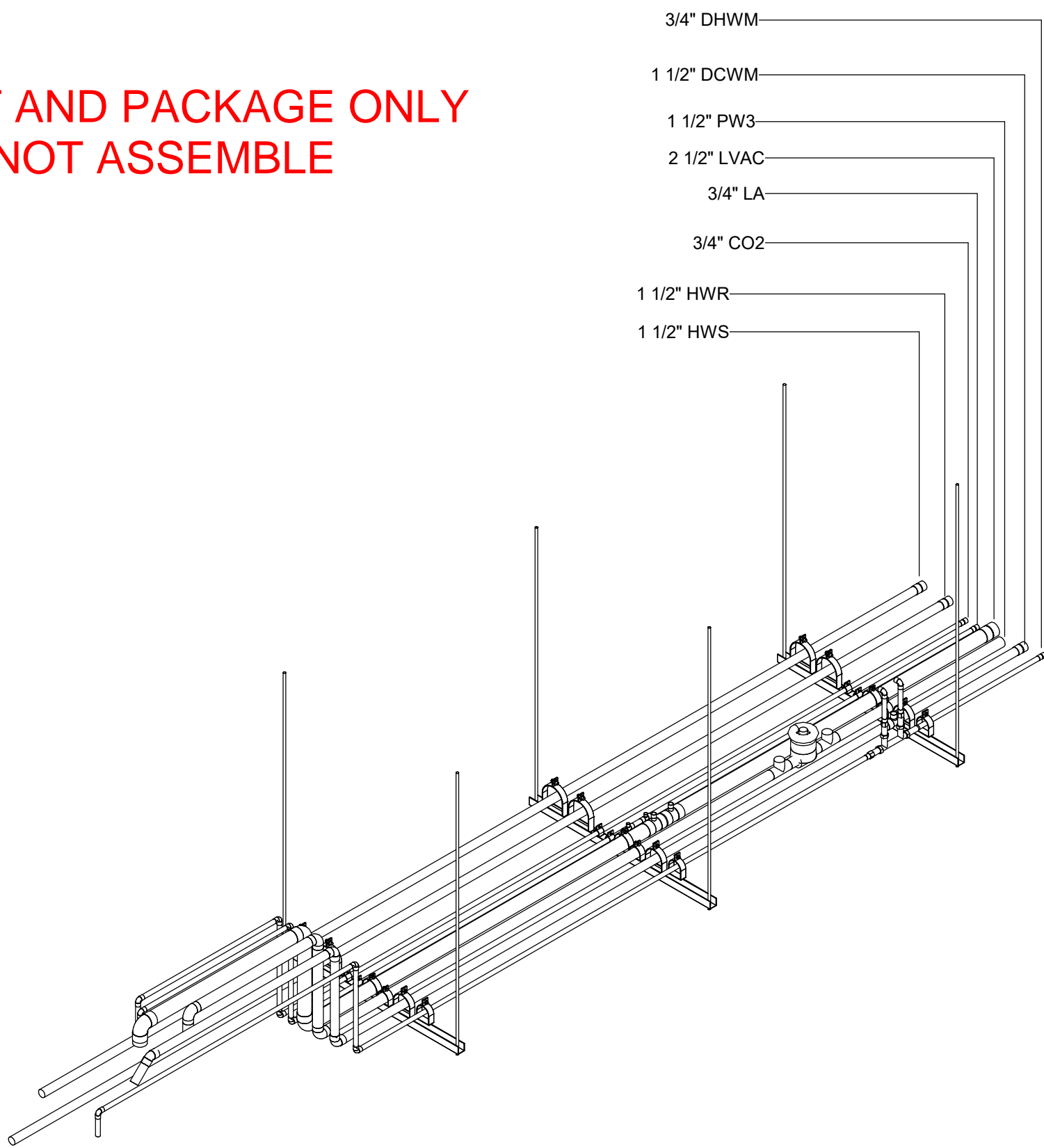


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DO NOT ASSEMBLE

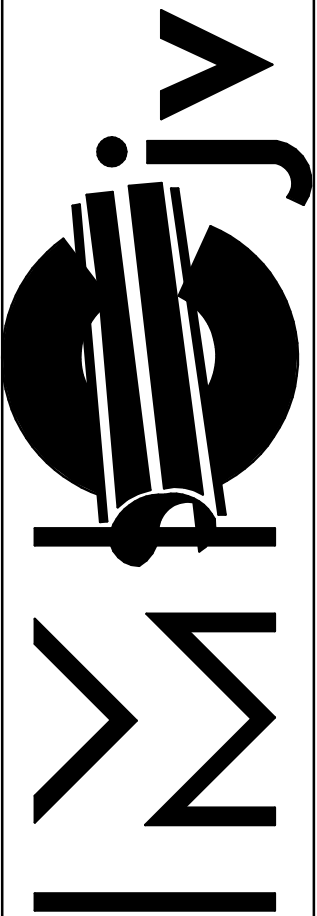


1 AS-L06-077 - ISOMETRIC
AS-L06-077 SCALE:

2 AS-L06-077
AS-L06-077 SCALE: 1/2" = 1'-0"

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A2	A4	B2	B4

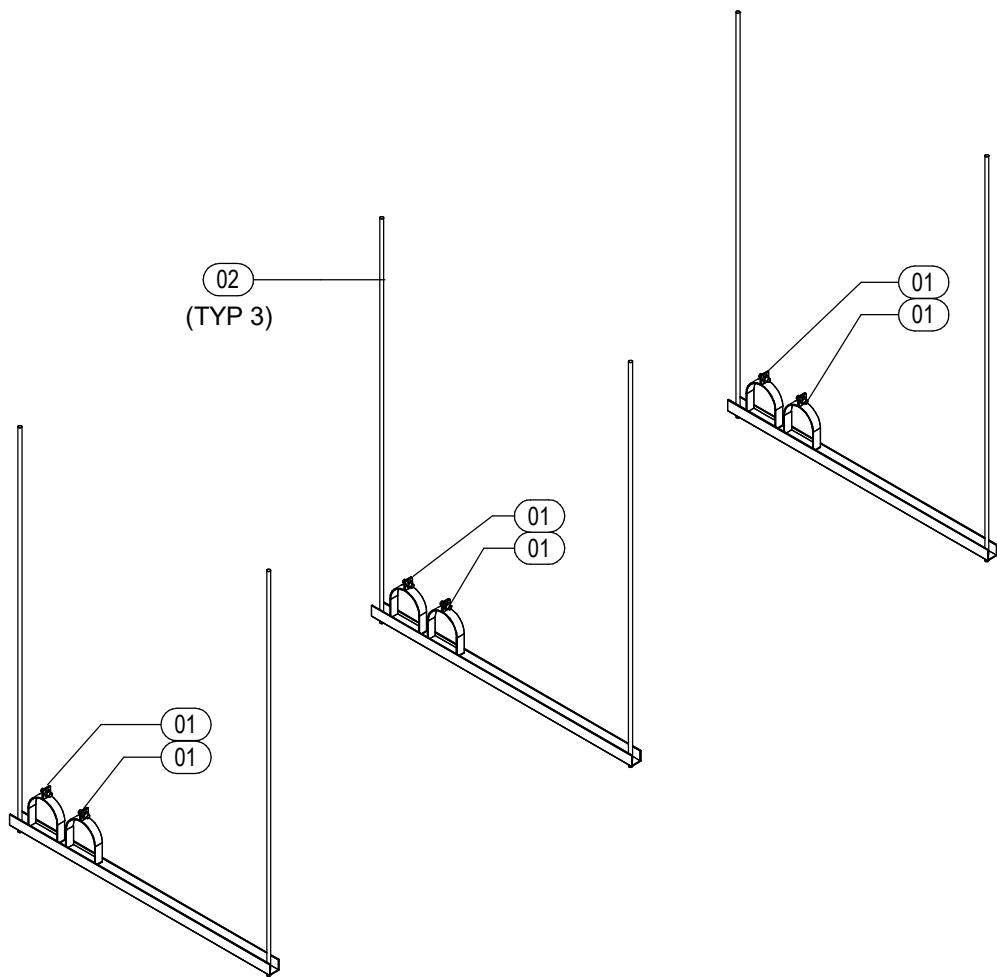
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TICKET:	AS-L06-077
Drawn By: Author	
DATE: 11/01/21	DATE REQ:



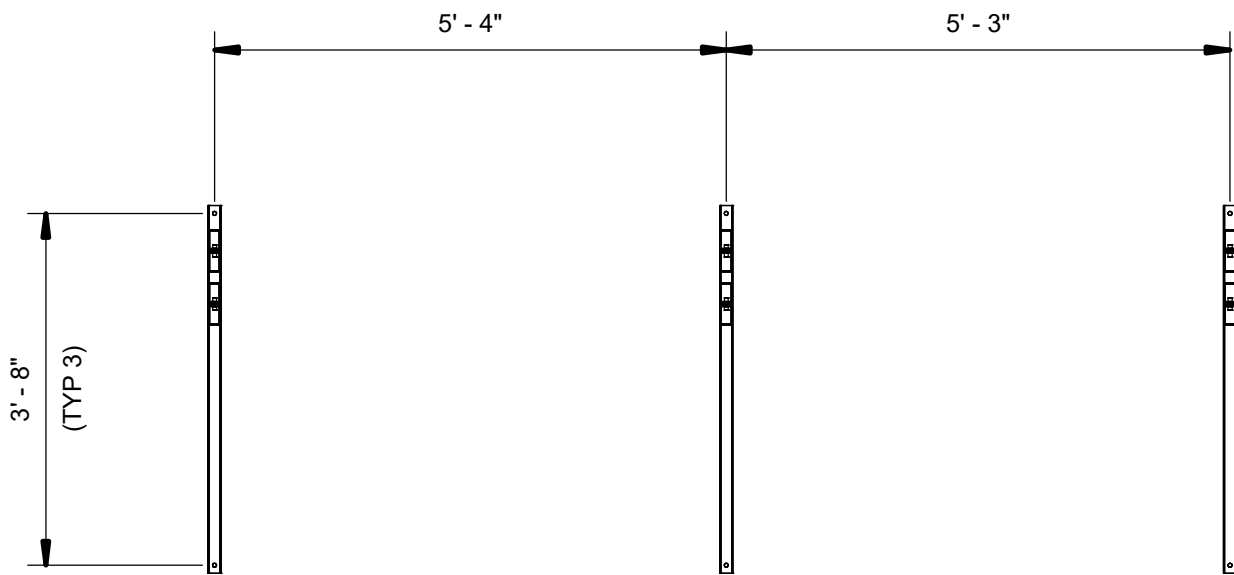
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

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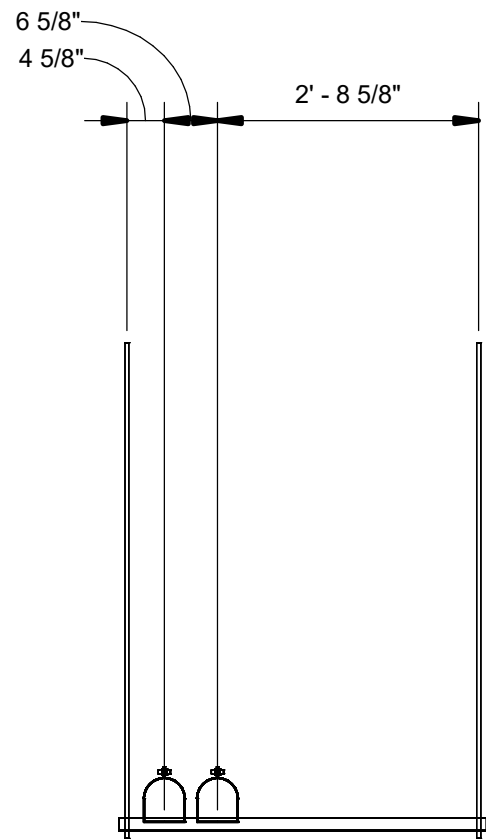
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	6	4 5/8"	B-Line B2000 2N 8ch 48 Pipe Clamp					
02	3	42"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		3' - 10"	5' - 2"	5' - 2"	
01	6	4 5/8"	B-LINE #2058					



1 ISOMETRIC
SCALE:



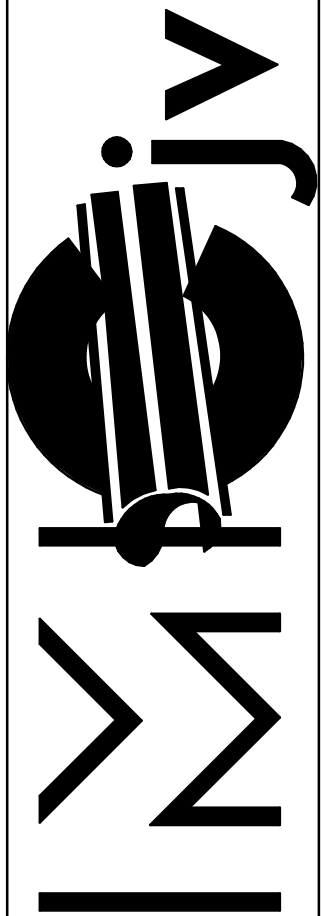
2 TOP VIEW
SCALE: 1/2" = 1'-0"



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

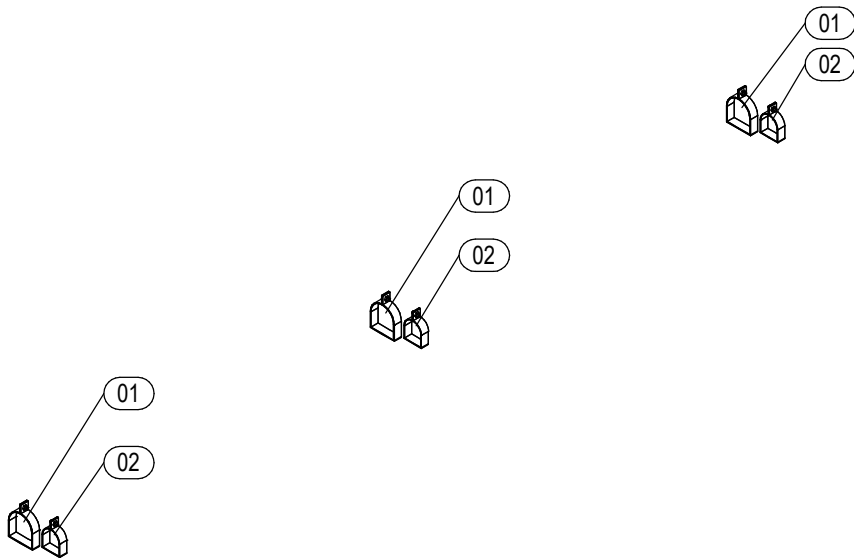
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A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	HPHGR-L06-077
Drawn By: Author	
DATE: 10/11/21	DATE REQ:



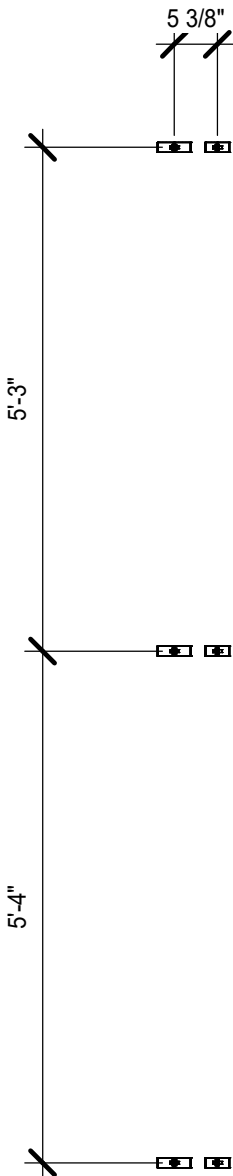
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St. Louis, Mo 63132-2303
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11/2/2021 11:26:19 AM



Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	3	3 5/8"	B-LINE #2050					
02	3	2 7/8"	B-LINE #2014					

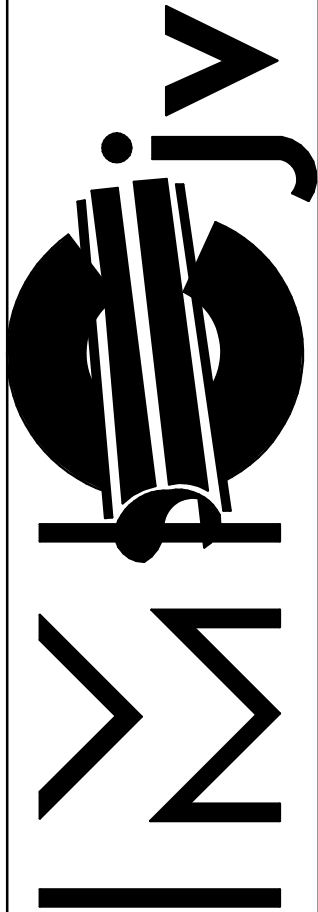
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

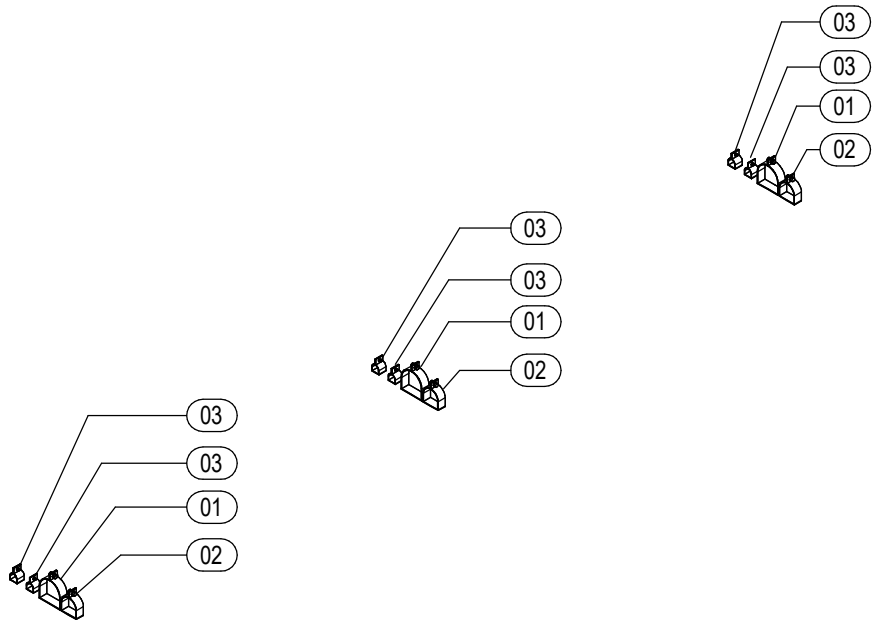
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TICKET:	PPHGR-L06-077
Drawn By: Author	
DATE: 10/18/21	DATE REQ:



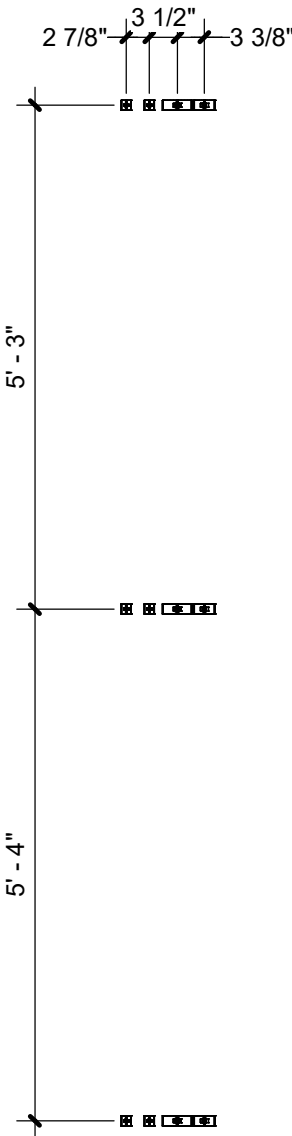
1233 N. Price Rd.
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BIM 360://WUSM NRB\\WUSM_RB_PUF.rvt
11/2/2021 11:59:52 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	3	3"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
02	3	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
03	6	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					



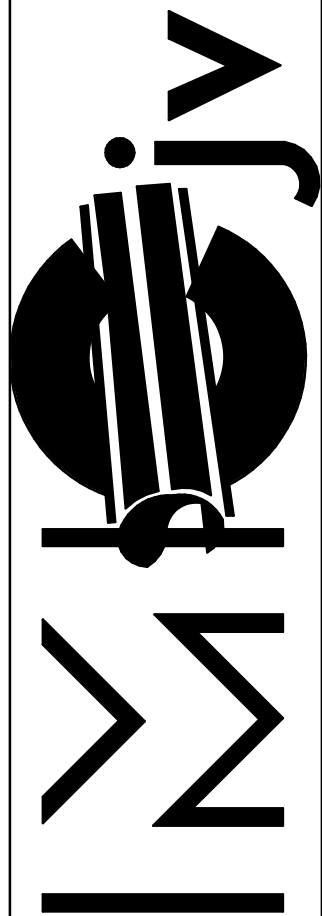
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

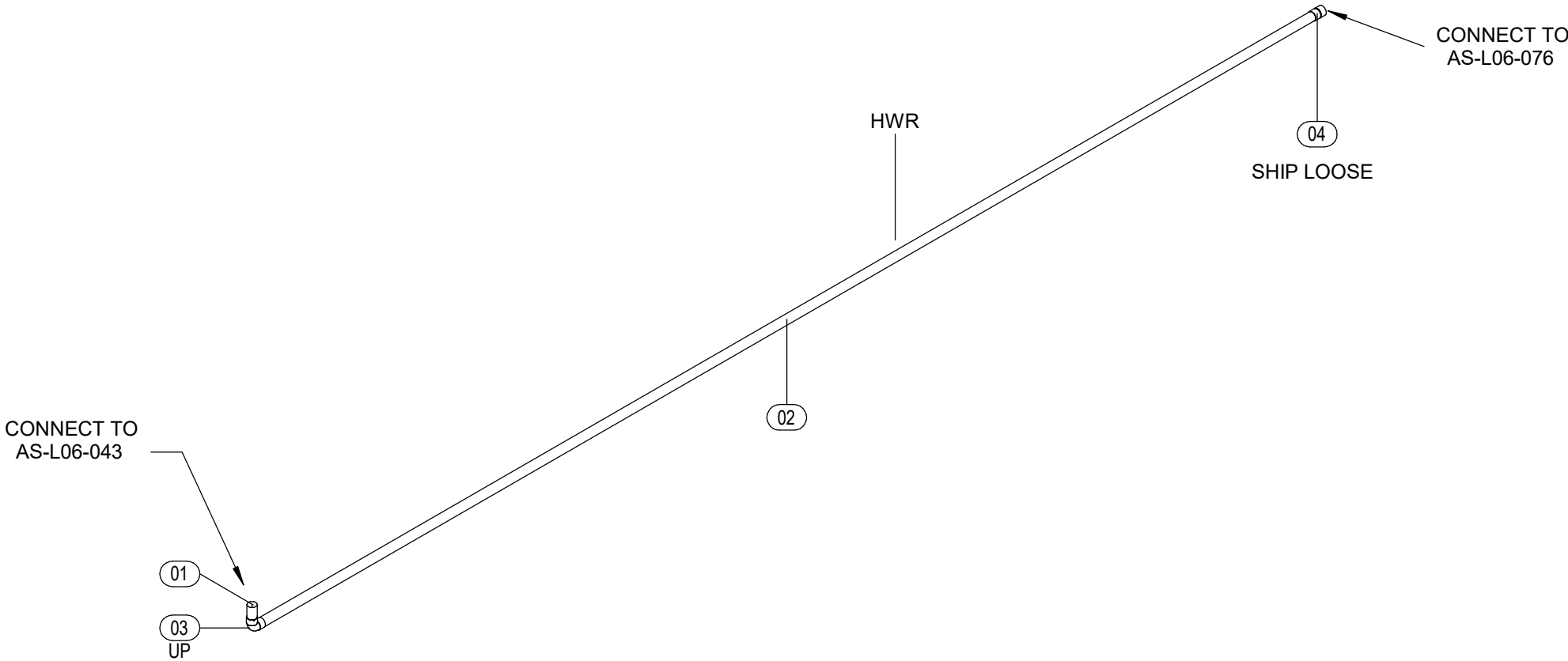
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TICKET:	PUHGR-L06-077
Drawn By: Author	
DATE: 10/20/21	DATE REQ:



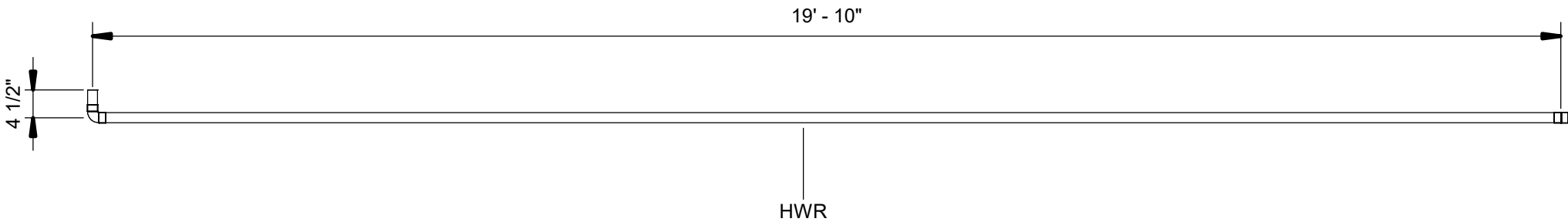
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314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
11/2/2021 12:32:10 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-3 1/2"				1 1/2"
02	1	1 1/2"	Cerro Type K Hard Copper Pipe	19'-9"				1 1/2"
03	1	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC					1 1/2"
04	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



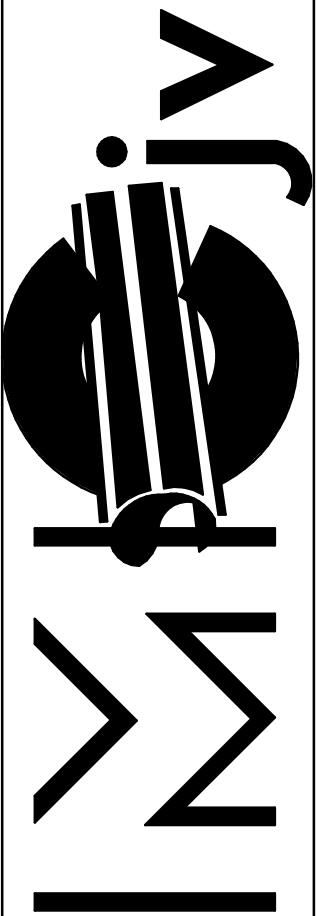
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

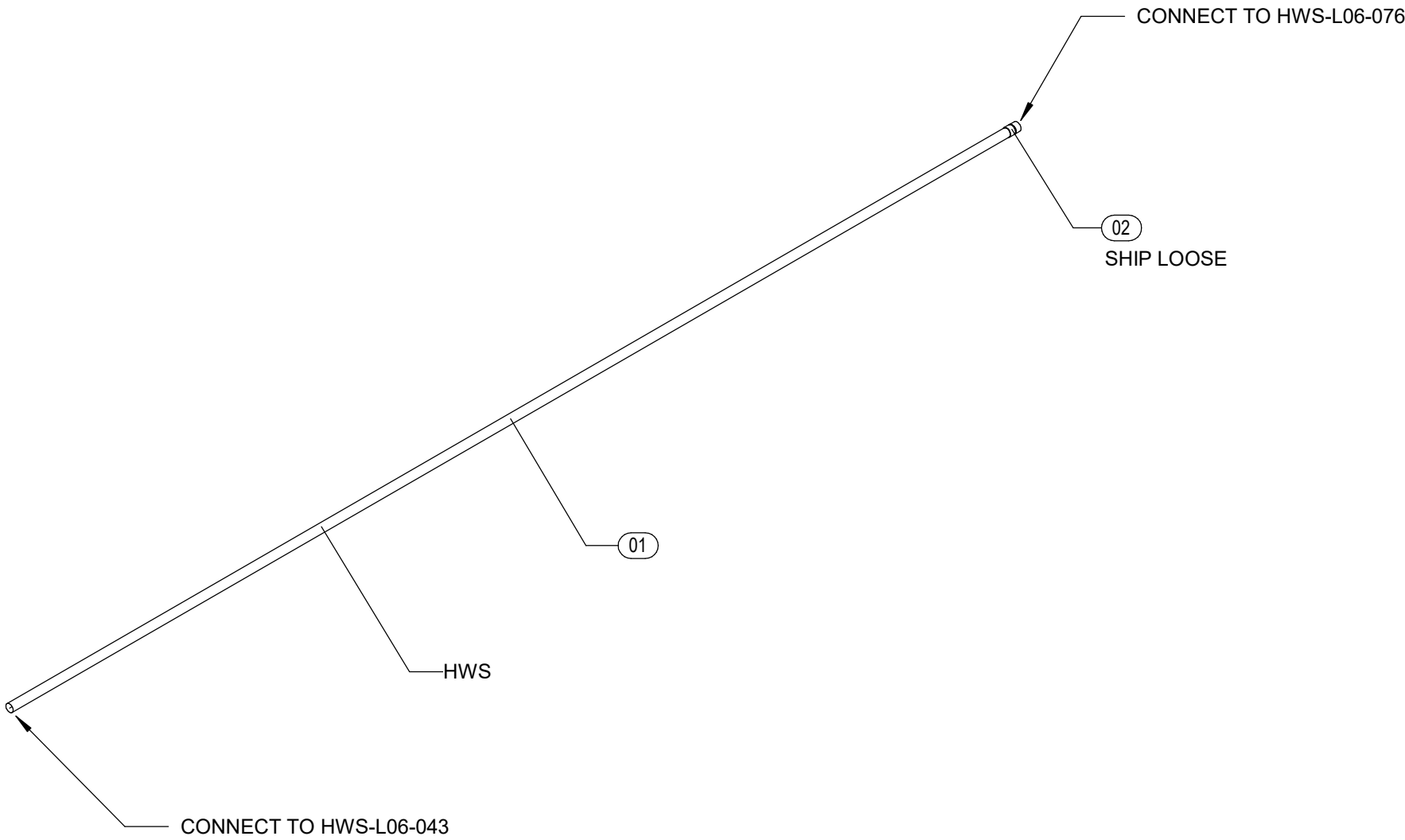
JOB:	WASH U NRB
TICKET:	HWR-L06-077
Drawn By: Author	
DATE: 11/02/21	DATE REQ:



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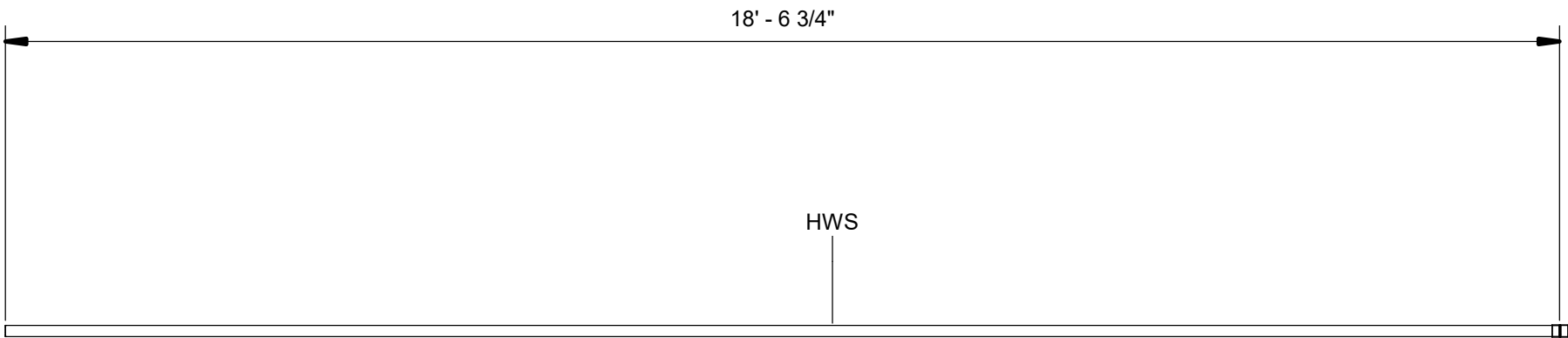
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11/2/2021 12:32:49 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type K Hard Copper Pipe	18'-6 3/4"				1 1/2"
02	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



1 ISOMETRIC

SCALE:

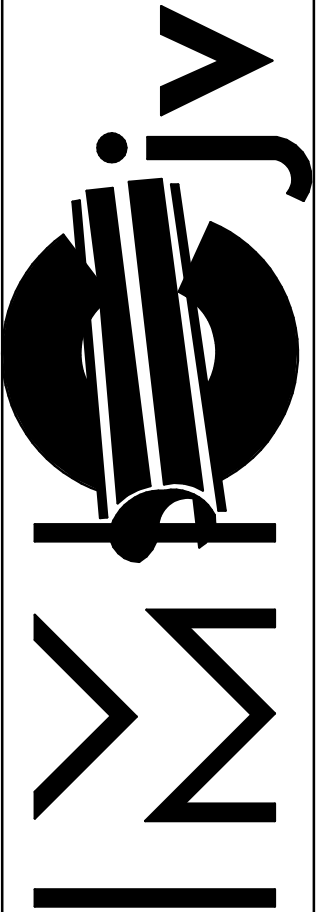


2 TOP VIEW

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

A1	A3	B1	B3
A2	A4	B2	B4

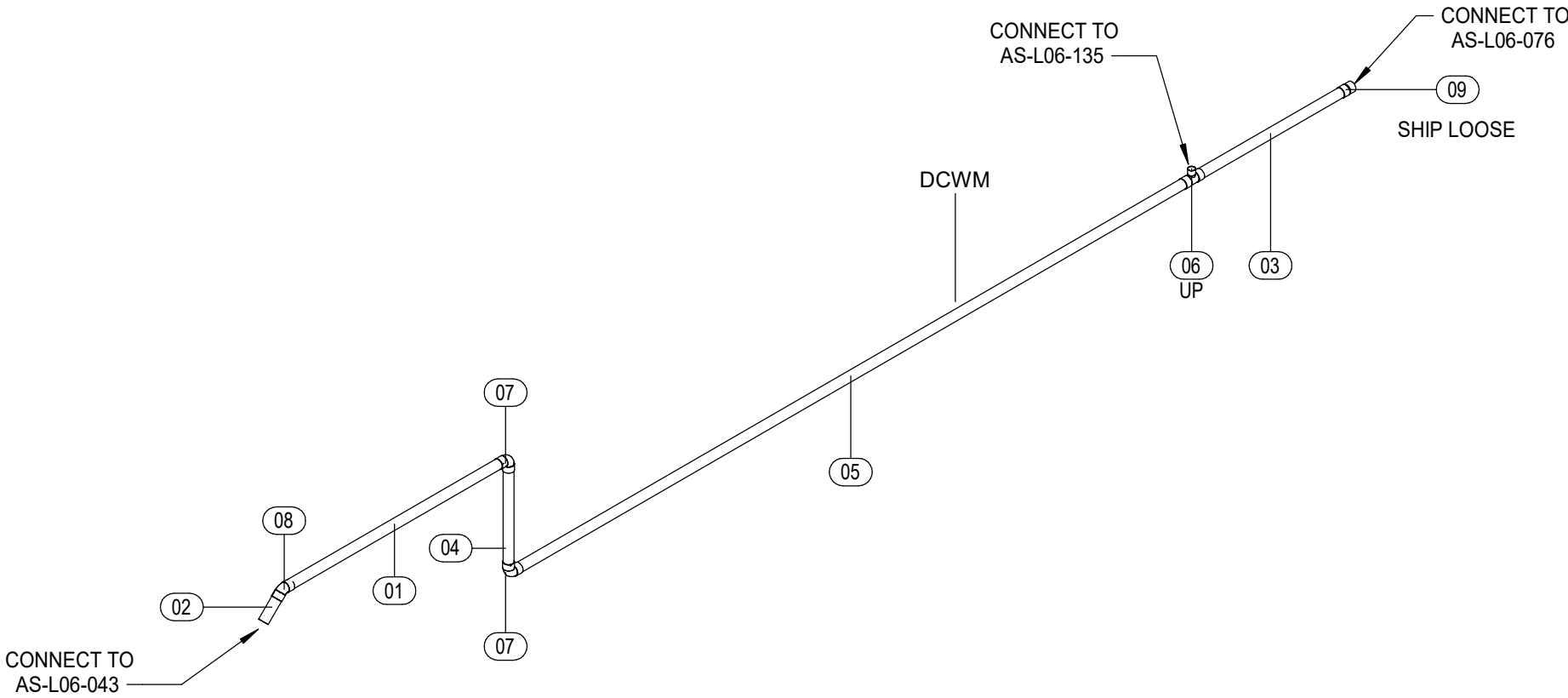
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TICKET:	HWS-L06-077
Drawn By: Author	
DATE: 11/02/21	DATE REQ:



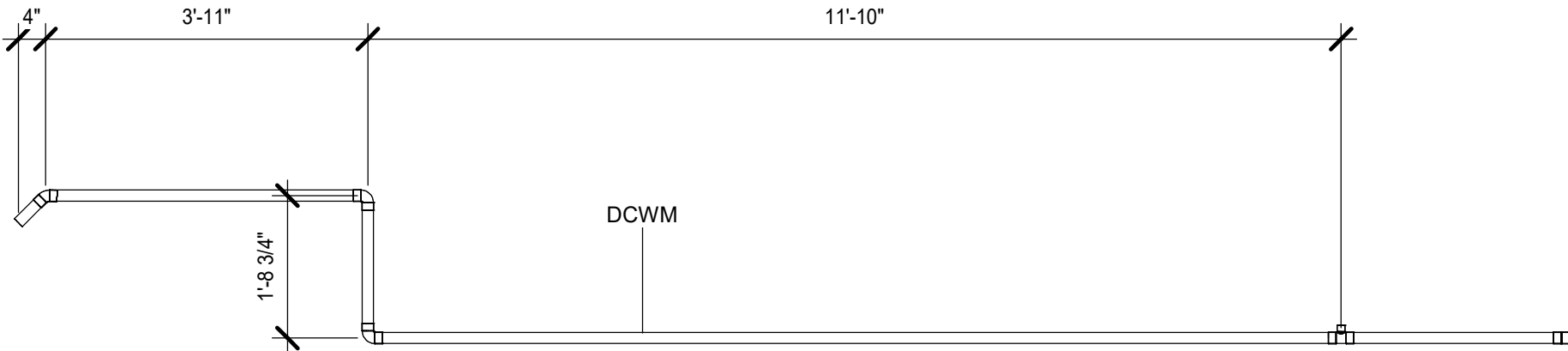
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St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
11/2/2021 11:10:13 AM

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	3'-9 3/8"				1"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	0'-5"				1"
03	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	2'-7 5/16"				1"
04	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	1'-6 11/16"				1"
05	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	11'-8 3/16"				1"
06	1	1 1/2"x1"	Nibco Wrot 611R CxCxC Reducing Tee Pressure Pipe					1"
07	2	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC Pressure Pipe					1"
08	1	1 1/2"	Nibco Wrot 606 45 Deg Ell CxC Pressure Pipe					1"
09	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

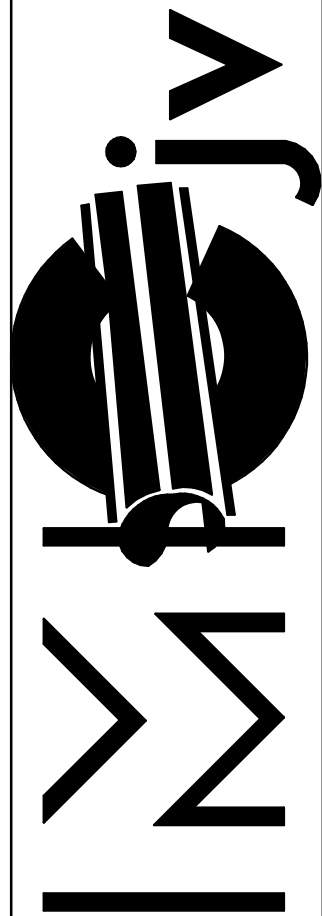
JOB: WASH U NRB

TICKET: DCWM-L06-077

Drawn By: Author

DATE: 10/18/21

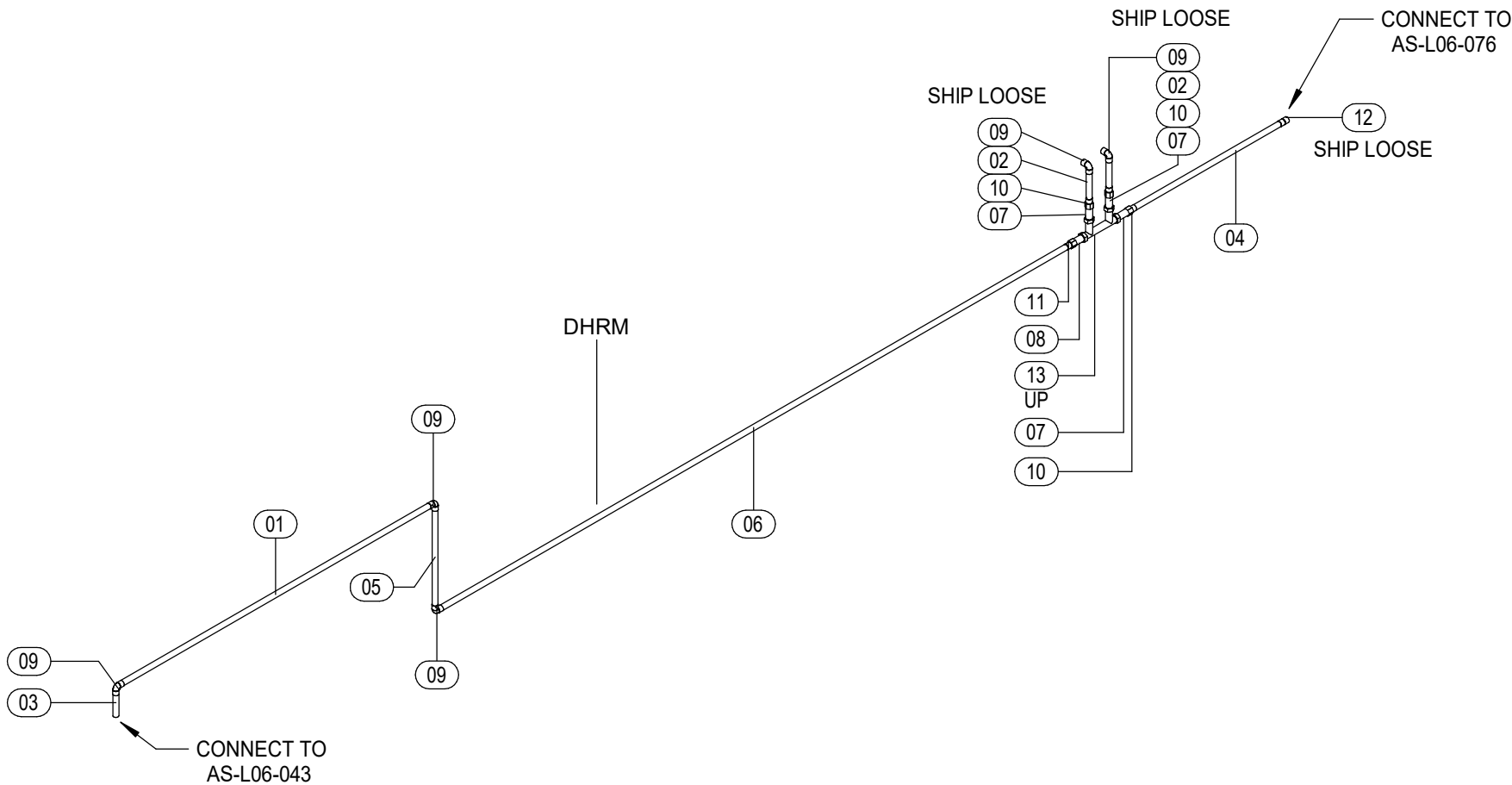
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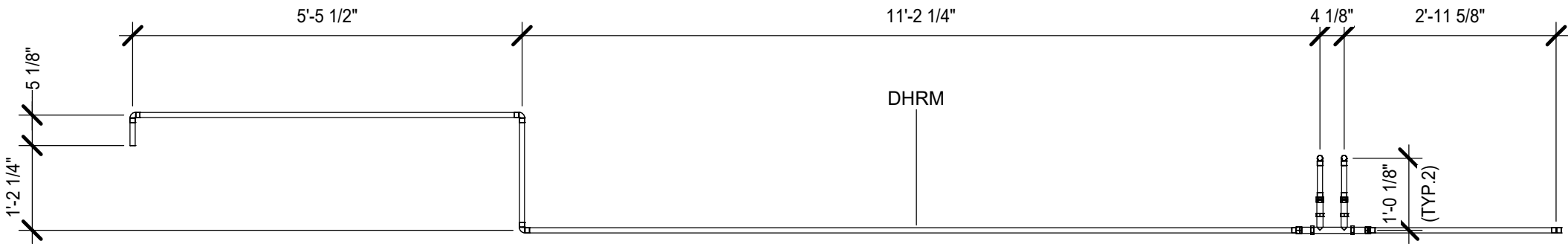
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11/2/2021 11:28:47 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	5'-4 1/2"				1"
02	2	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	0'-6"				1"
03	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	0'-4 5/8"				1"
04	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	2'-7 1/4"				1"
05	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	1'-6 3/8"				1"
06	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	10'-9 13/16"				1"
07	3	3/4"	Victaulic No.647 TT Dielectric Transition Fitting Pressure Pipe					1"
08	1	3/4"	Victaulic No.647 TT Dielectric Transition Fitting					1"
09	5	3/4"	Nibco Wrot 607 90 Deg Ell CxC Pressure Pipe					1"
10	3	3/4"	Nibco Wrot 603 Adapter CxF Pressure Pipe					1"
11	1	3/4"	Nibco Wrot 603 Adapter CxF					1"
12	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
13	1	3/4"	Kemper Kemper Fig651 20 KHS Flow-Splitter FPT Pressure Pipe					1"



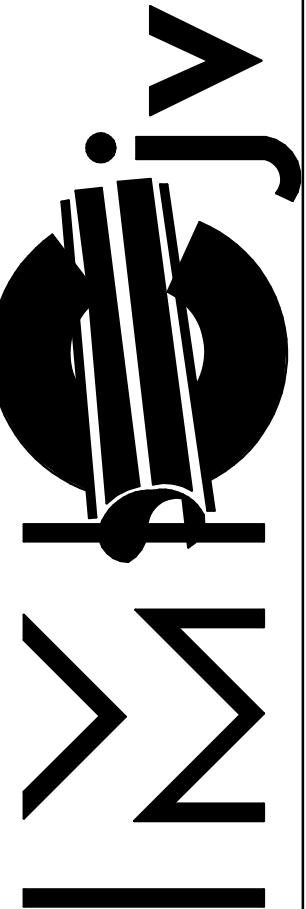
1 ISOMETRIC
SCALE:



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

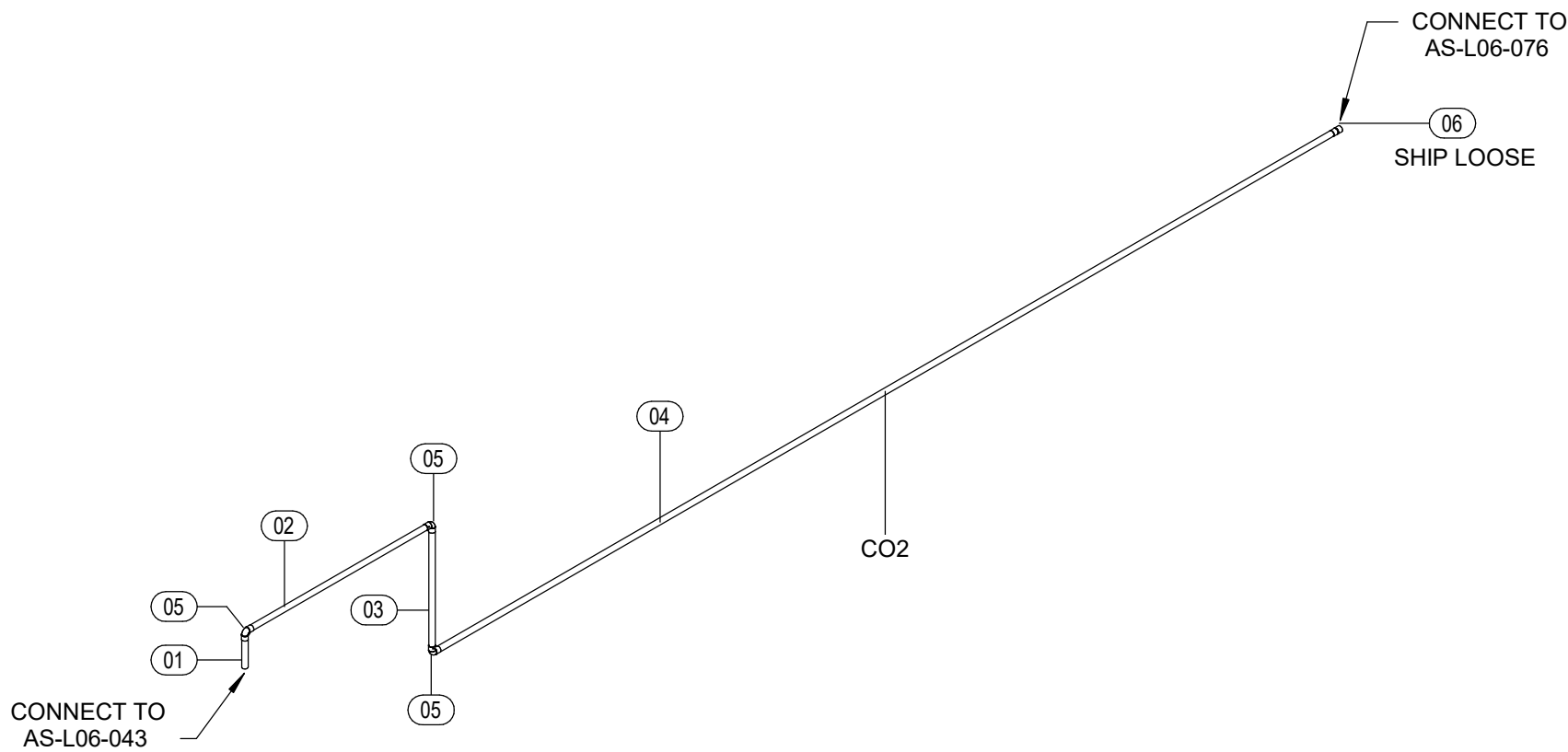
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB	TICKET: DHWM-L06-077	Drawn By: Author	DATE REQ: 10/18/21
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314-997-6600 phone

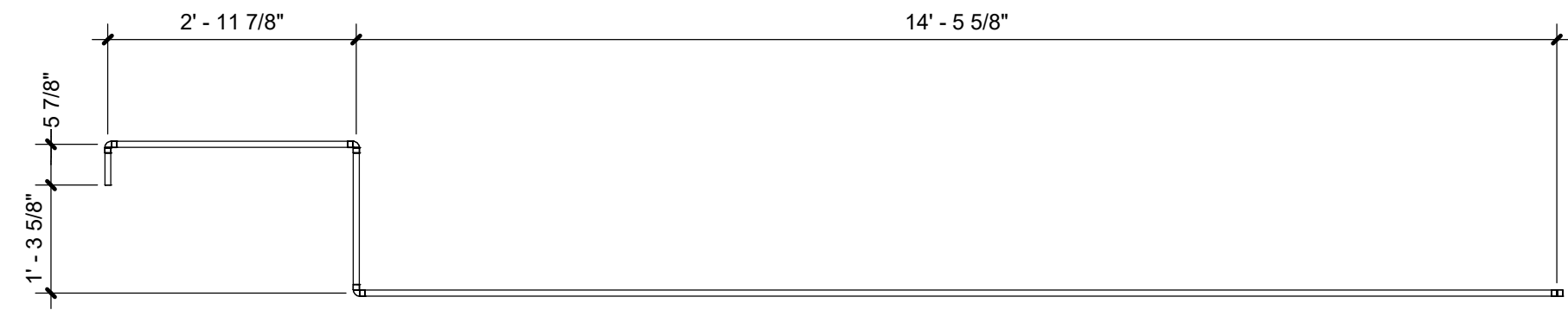
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11/2/2021 11:46:33 AM



Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-5 3/8"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	2'-10 15/16"				
03	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-8 1/2"				
04	1	3/4"	Cerro Type L Hard Copper - CFOS	14'-5 1/16"				
05	3	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
06	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					

1 ISOMETRIC

SCALE:

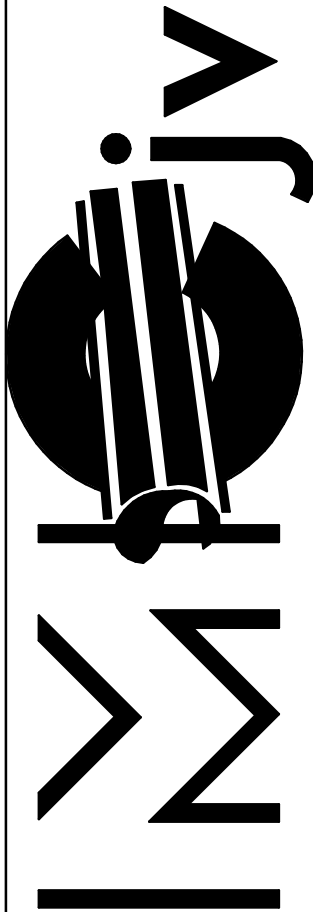


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

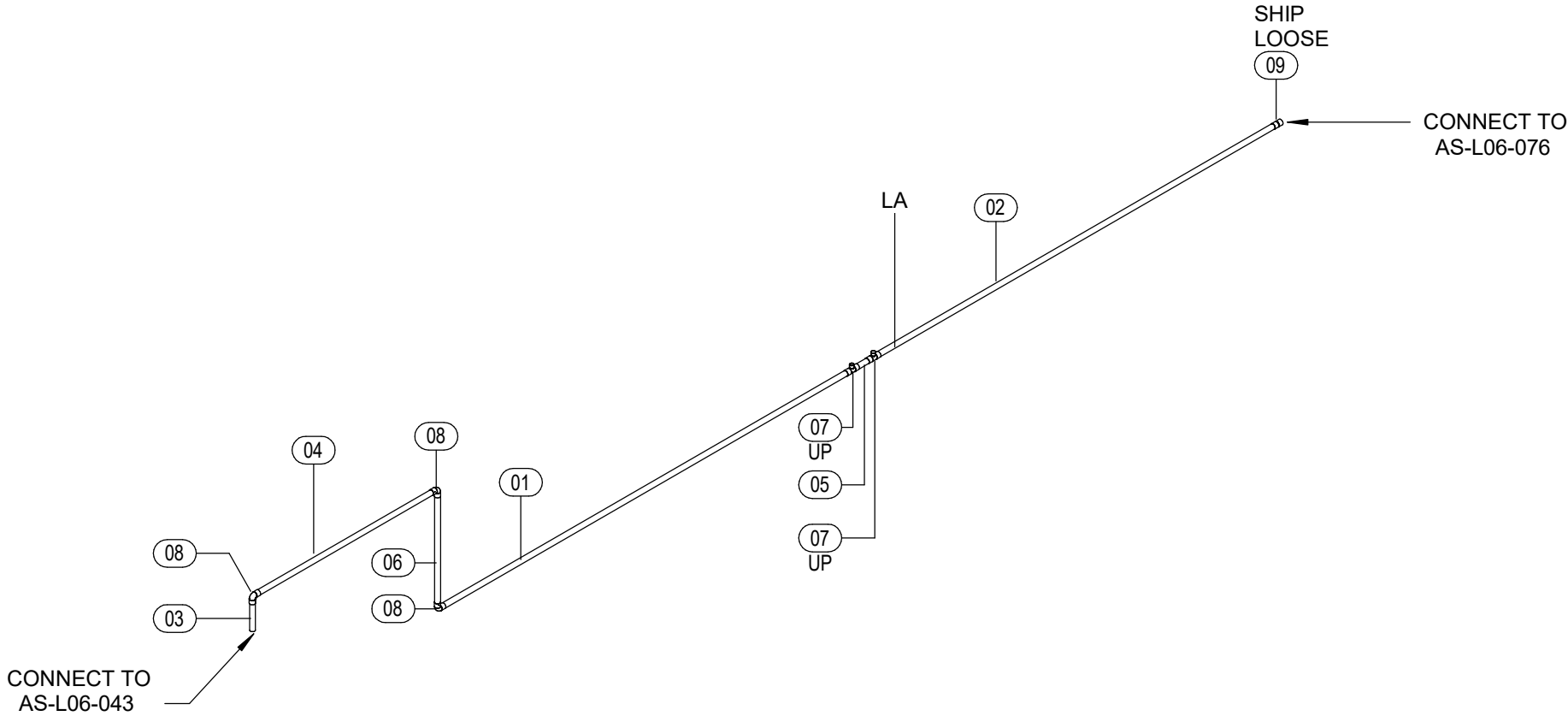
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TICKET: CO2-L06-077
Drawn By: Author
DATE: 10/20/21
DATE REQ:



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

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1/20/2022 10:01:05 AM

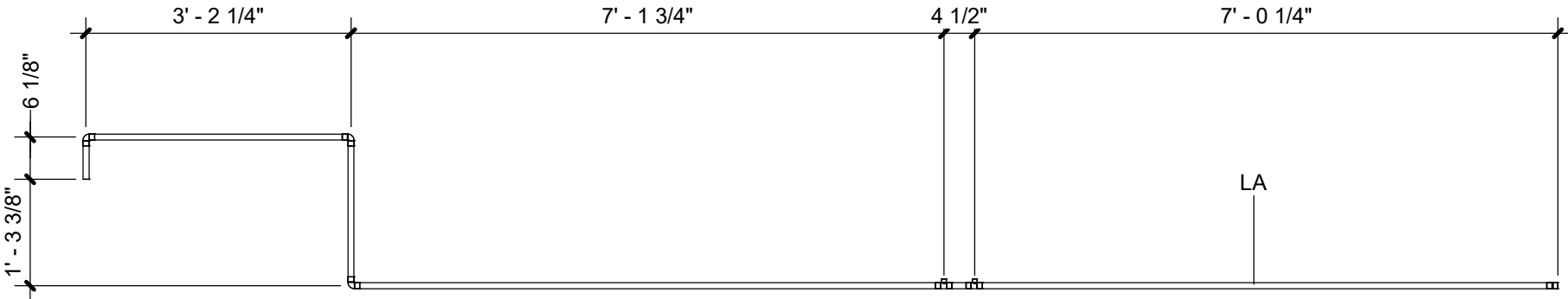
Mark	Qty	Size	Description	Length	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	7'-0 3/4"	
02	1	3/4"	Cerro Type L Hard Copper - CFOS	6'-11 1/8"	
03	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-5 1/2"	
04	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-1 1/4"	
05	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-3 1/2"	
06	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-8 1/2"	
07	2	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
08	3	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow		
09	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		



1

ISOMETRIC

SCALE:



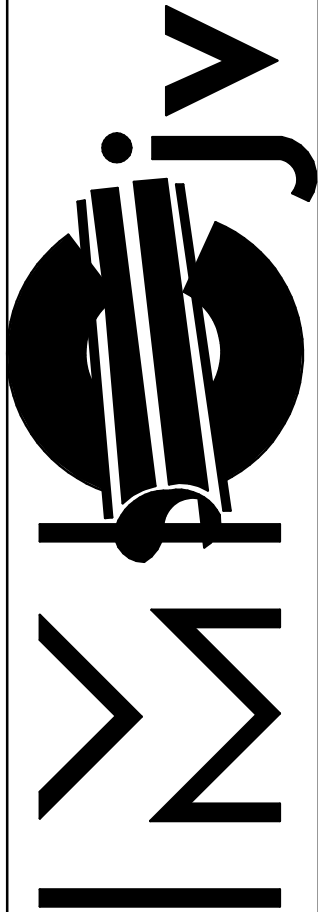
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

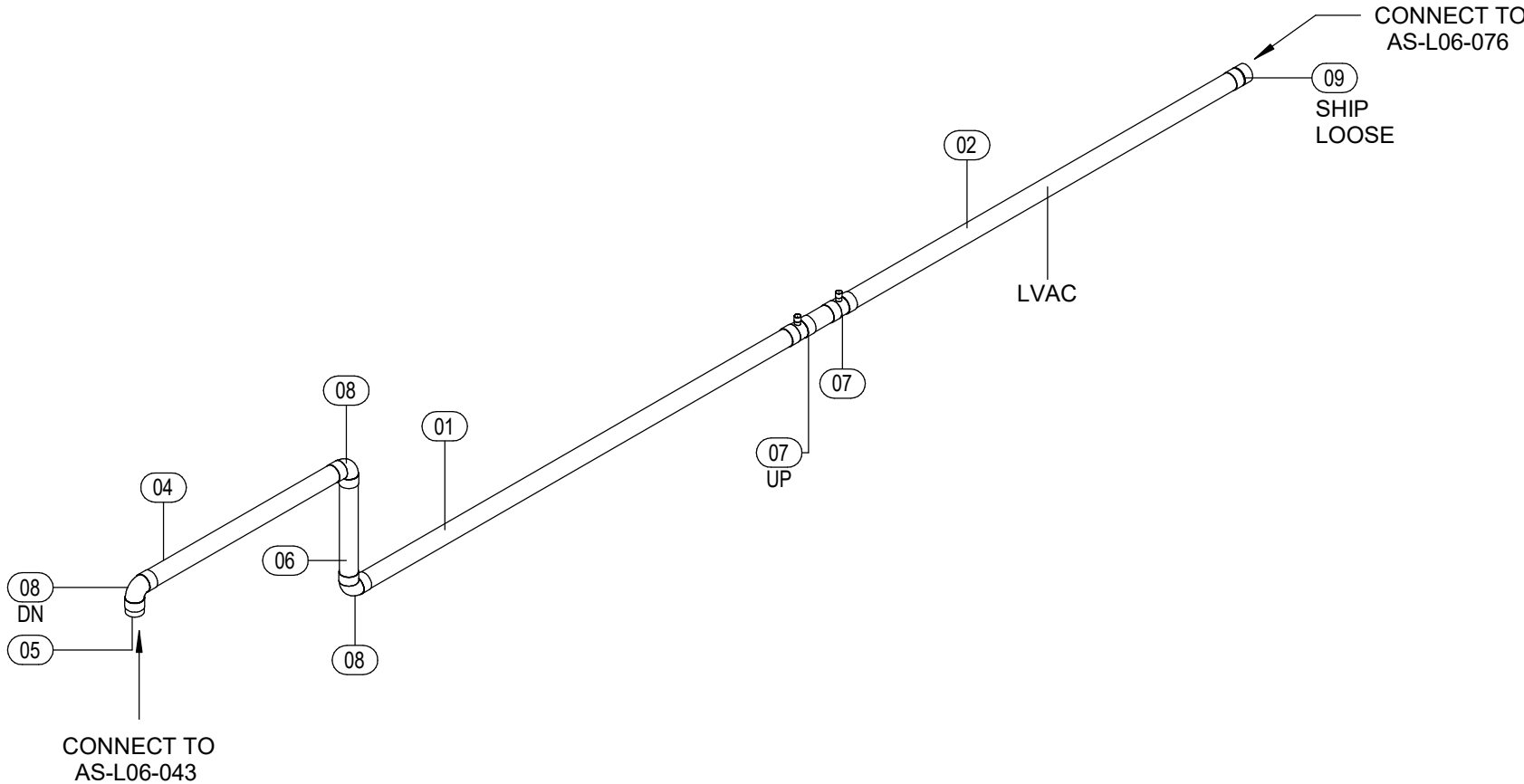
JOB:	WASH U NRB
TICKET:	LA-L06-077
Drawn By: Author	
DATE: 11/05/21	DATE REQ:



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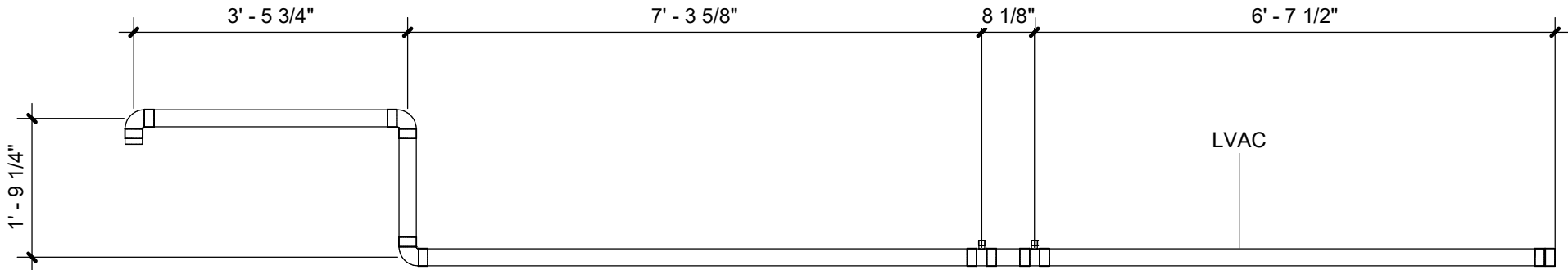
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1/20/2022 10:01:16 AM

Mark	Qty	Size	Description	Length	Insulation
01	1	2 1/2"	Cerro Type L Hard Copper - CFOS	7'-1 1/4"	
02	1	2 1/2"	Cerro Type L Hard Copper - CFOS	6'-5 1/8"	
03	1	2 1/2"	Cerro Type L Hard Copper - CFOS	0'-6 1/2"	
04	1	2 1/2"	Cerro Type L Hard Copper - CFOS	3'-2 1/2"	
05	1	2 1/2"	Cerro Type L Hard Copper - CFOS	0'-2 3/8"	
06	1	2 1/2"	Cerro Type L Hard Copper - CFOS	1'-6"	
07	2	2 1/2"x3/4"x2 1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
08	3	2 1/2"	Nibco 607-CB CFOS Wrot 90 Elbow		
09	1	2 1/2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		



1 ISOMETRIC

SCALE:

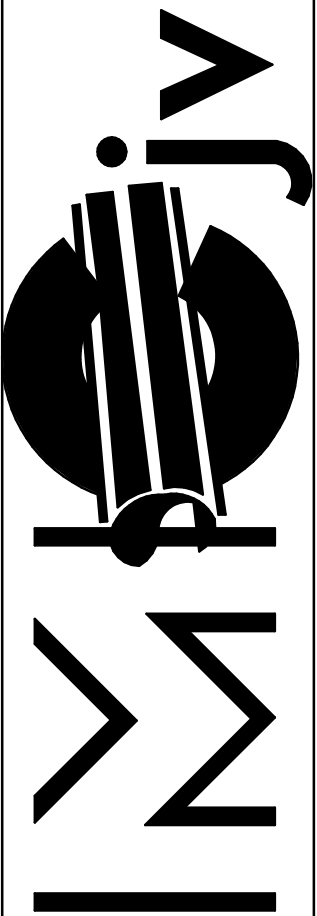


3 RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

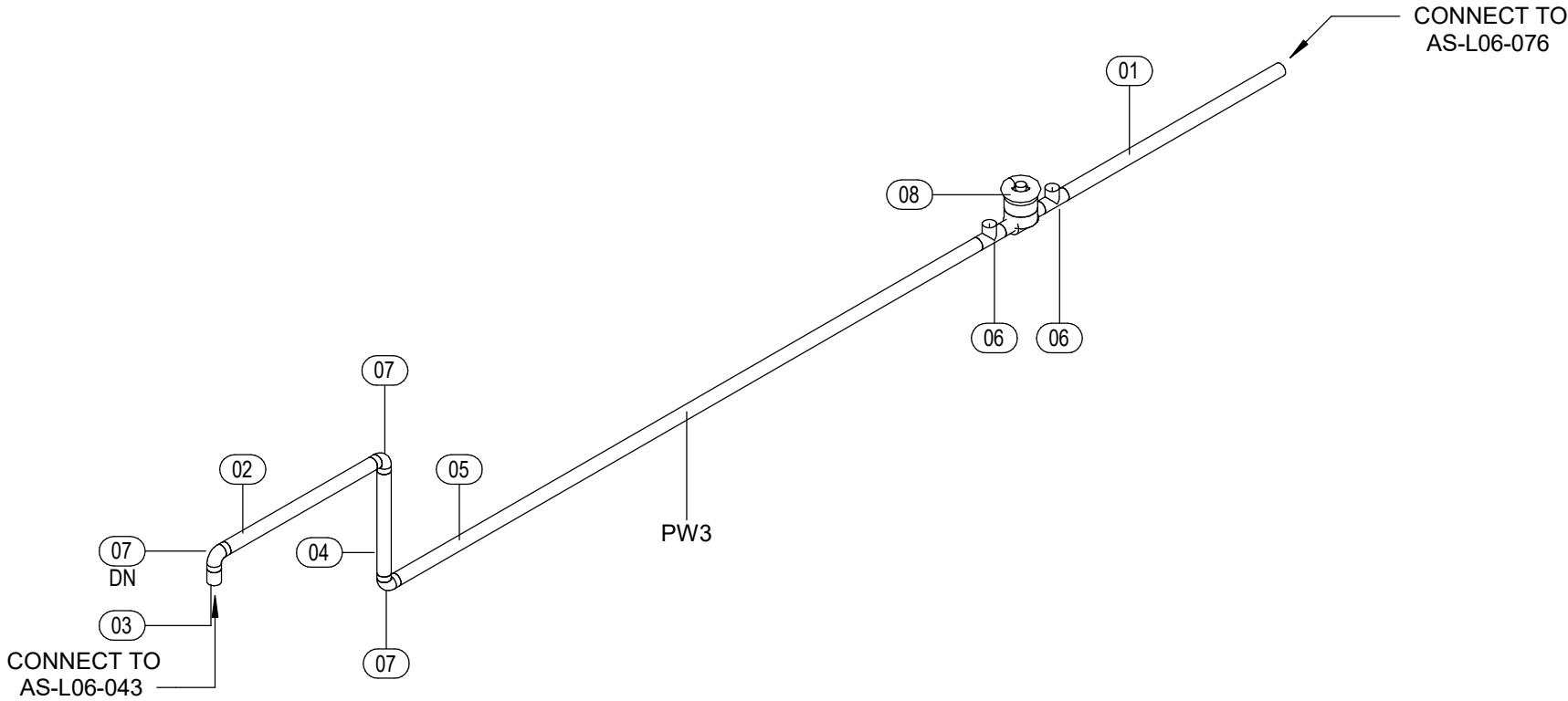
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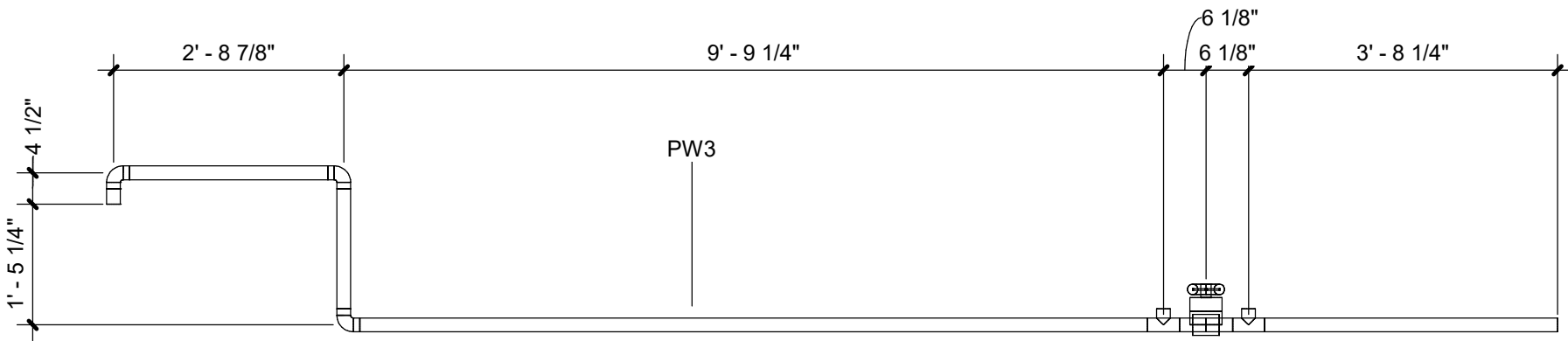
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11/2/2021 12:48:56 PM

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	3'-5 15/16"				
02	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	2'-4 3/8"				
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	1'-5 3/16"				
05	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Tee	9'-4 5/8"				
06	2	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Tee					
07	3	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow					
08	1	1 1/2"	George Fischer Sloane PROGEF STD-PP Type 515 EDPM Diaphragm Valve BF					



1 ISOMETRIC

SCALE:



2 RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

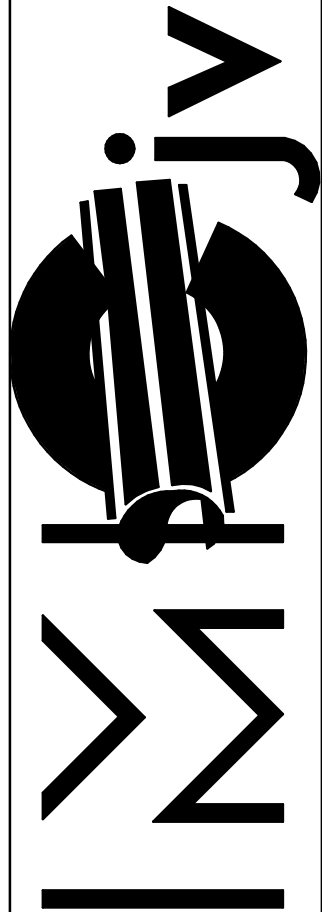
JOB: WASH U NRB

TICKET: PW3-L06-077

Drawn By: Author

DATE: 10/20/21

DATE REQ:



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