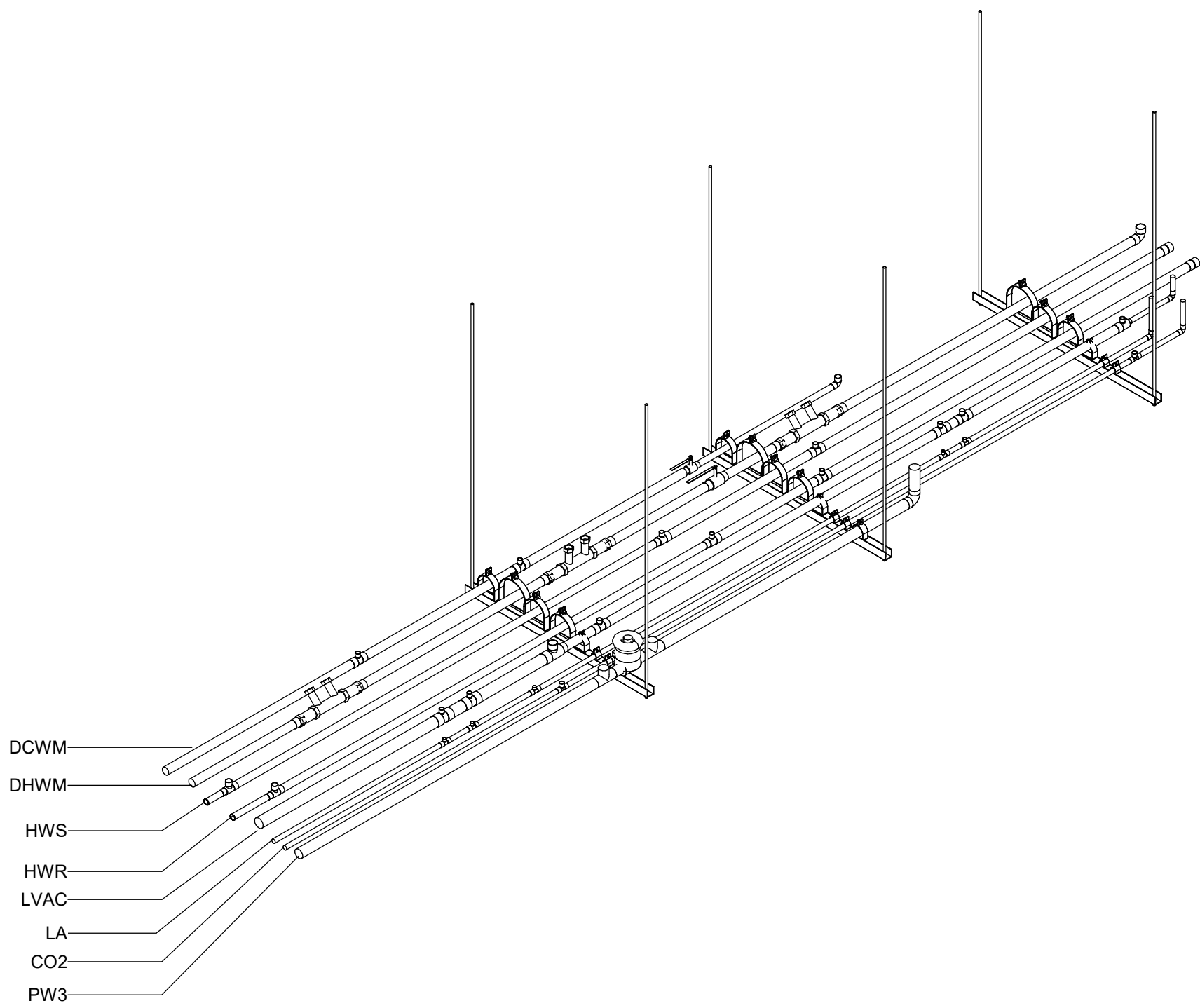
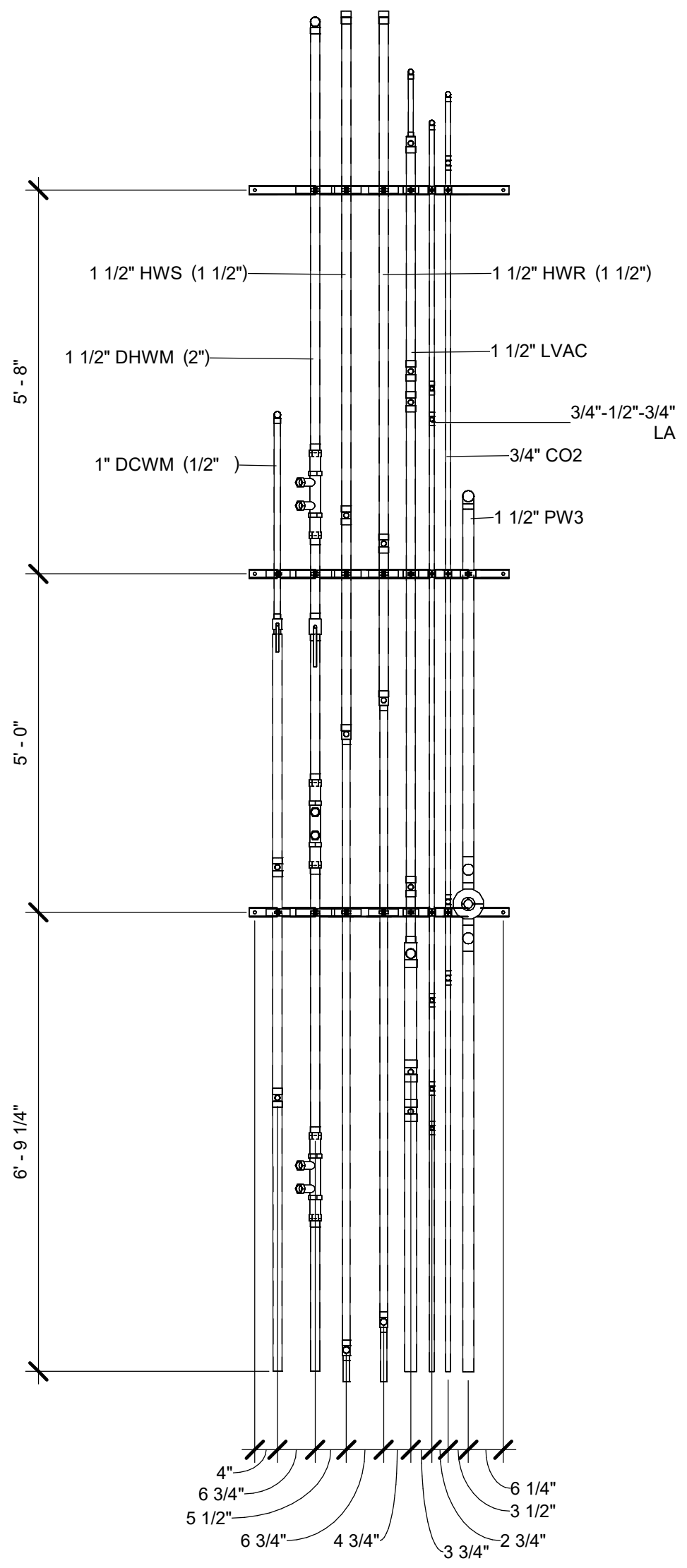


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11/29/2021 1:47:58 PM



1 AS-L06-020 - ISOMETRIC
AS-L06-020 SCALE:



2 AS-L06-020
AS-L06-020 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4



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JOB: WASH U NRB

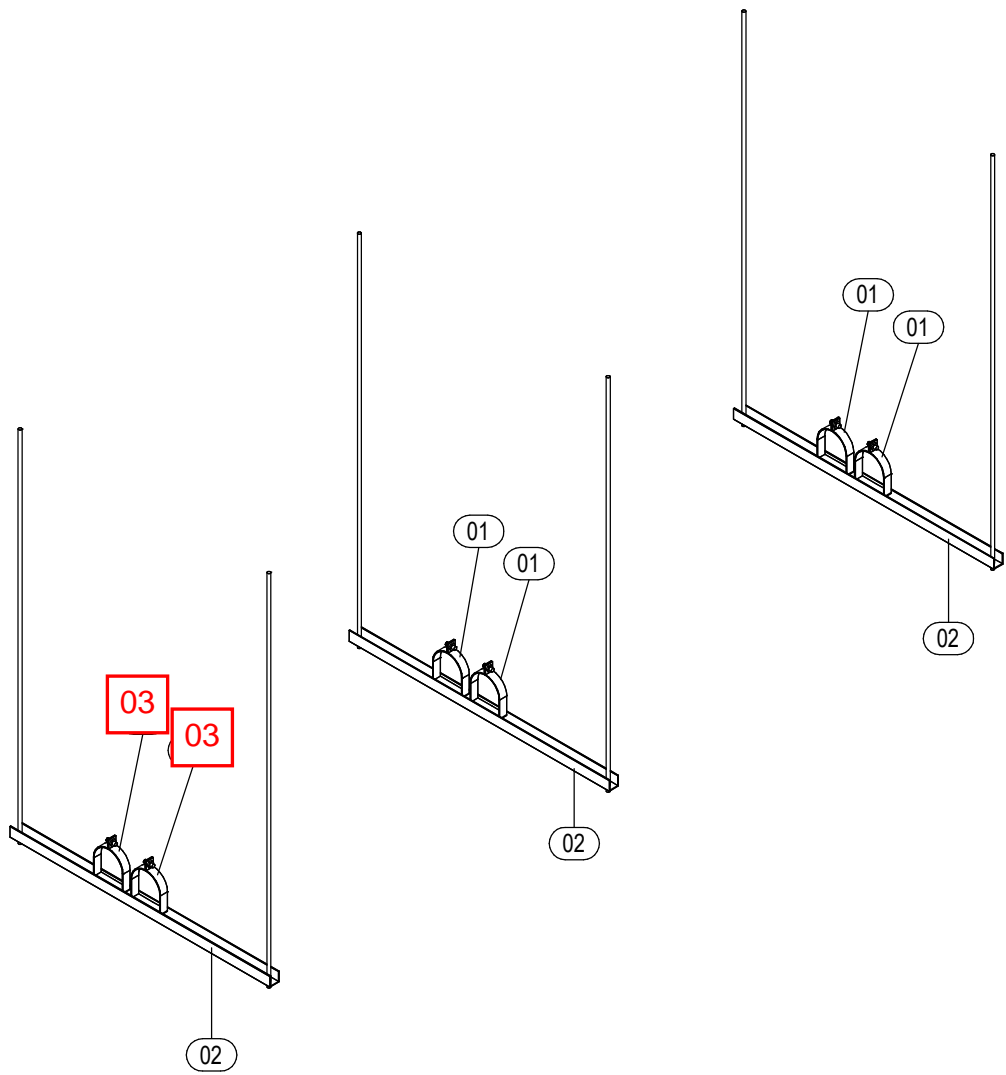
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Drawn By: Author

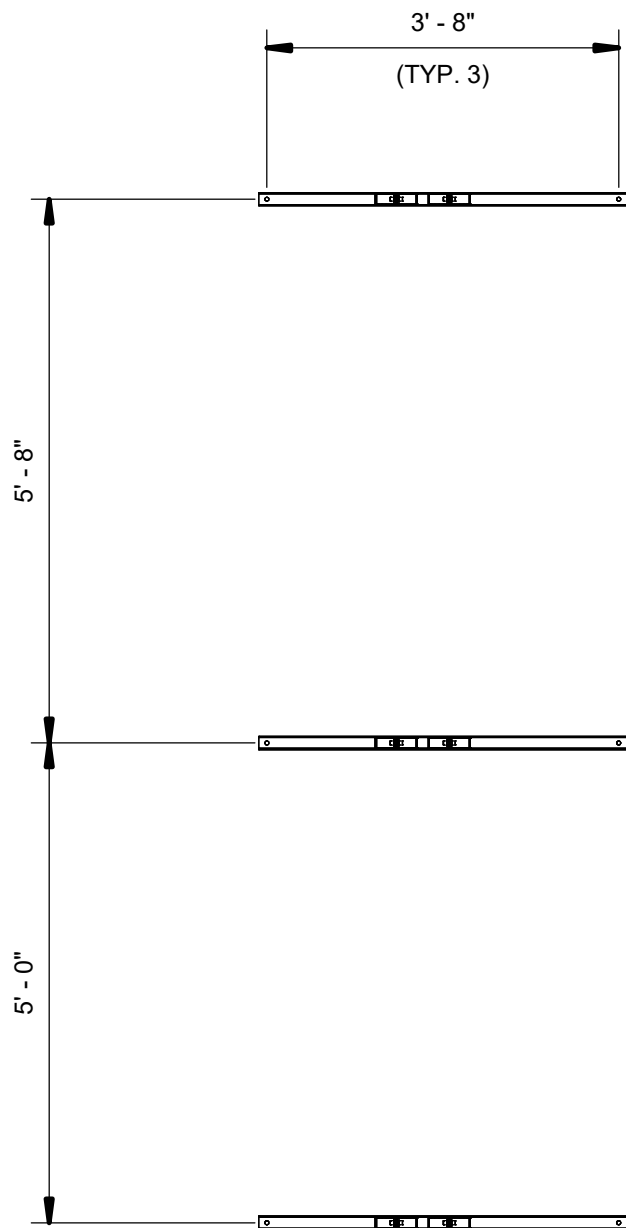
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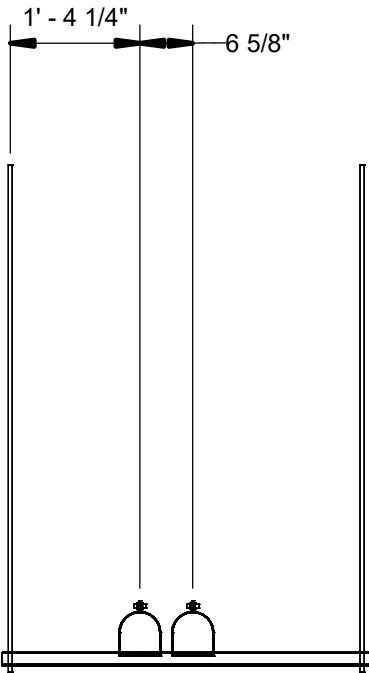
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	6	1-5"	B-Line B2000 ZN-0ch 10 Pipe Clamp					
02	3	42"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		3' - 10"	5' - 3 7/16"	5' - 3 7/16"	
01	4	4 5/8"	B-Line #2058					
03	2	4 3/8"	B-Line #2056					



1 ISOMETRIC



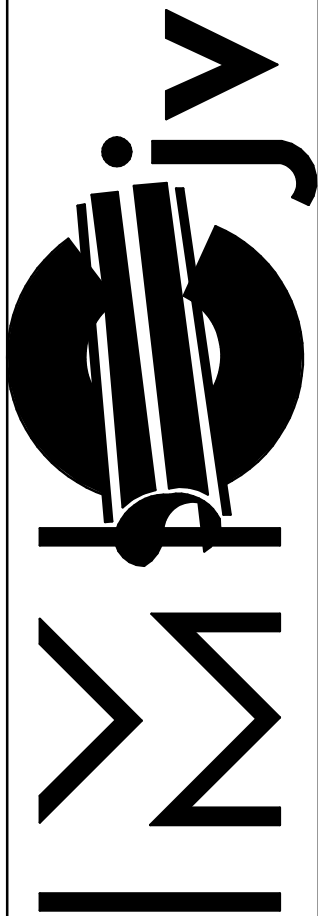
2 TOP VIEW



3 FRONT ELEVATION

A1	A3	B1	B3
A2	A4	B2	B4

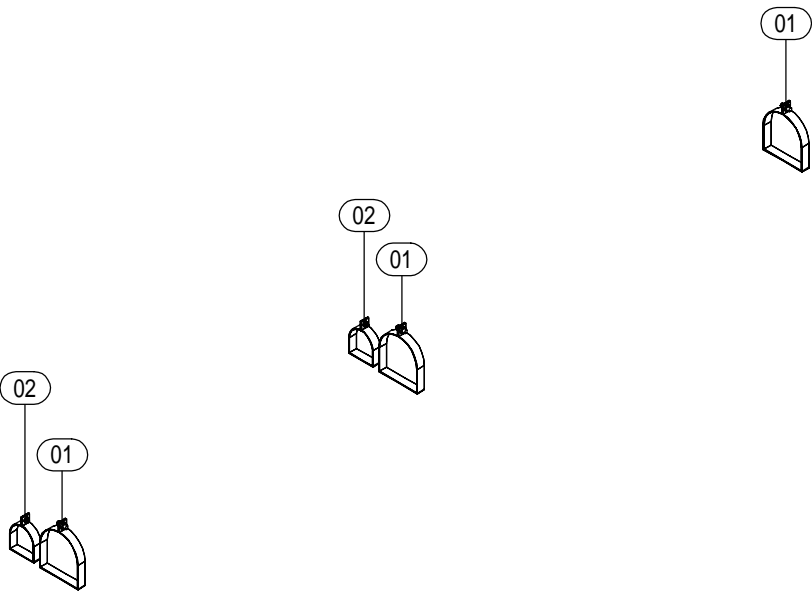
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TICKET:	HPHGR-L06-020
Drawn By: Author	
DATE: 10/10/21	DATE REQ:



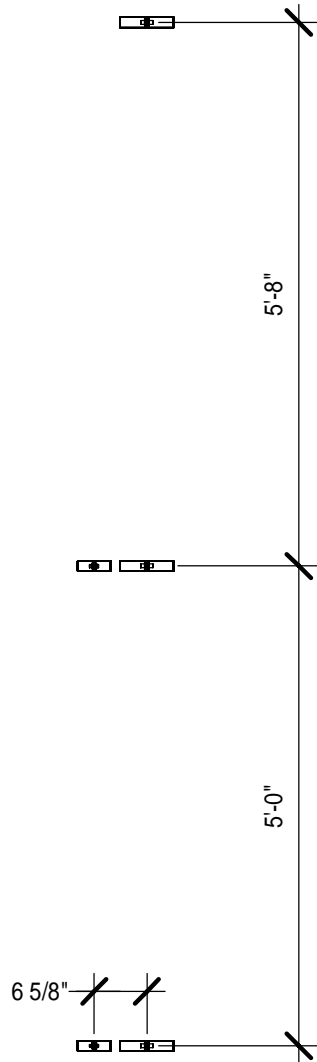
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22-10-2021 17:46:09

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	3	6"	B-Line B2000 ZN Sch 40 Pipe Clamp					
02	2	3.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					



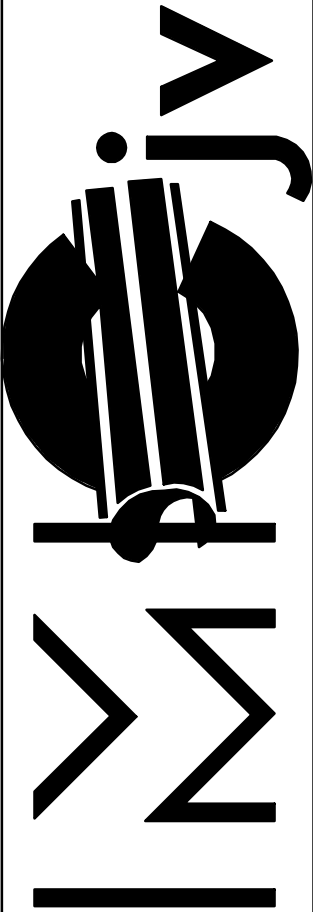
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB	TICKET: PPHGR-L06-020	Drawn By: Author	DATE: 10/22/21
DATE REQ:			

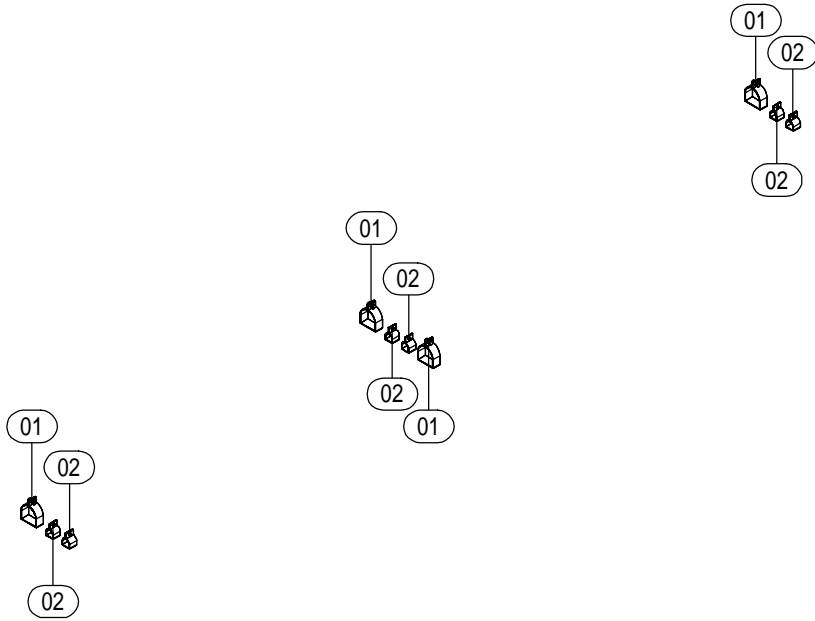


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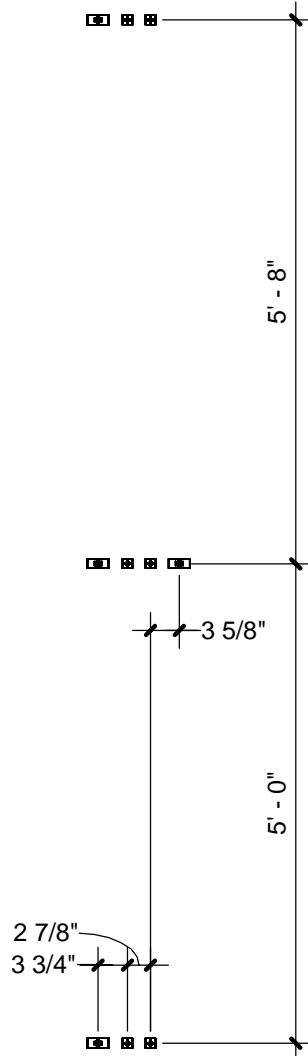
BIM 360//WUSM NRB\\WUSM_RB_PUF.rvt
22-10-2021 18:11:17

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

1 ISOMETRIC
SCALE:

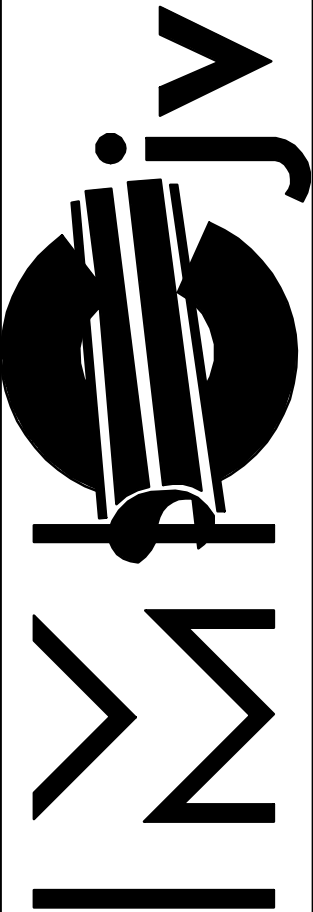


2 TOP VIEW
SCALE: 1/2" = 1'-0"



A1	A3	B1	B3
A2	A4	B2	B4

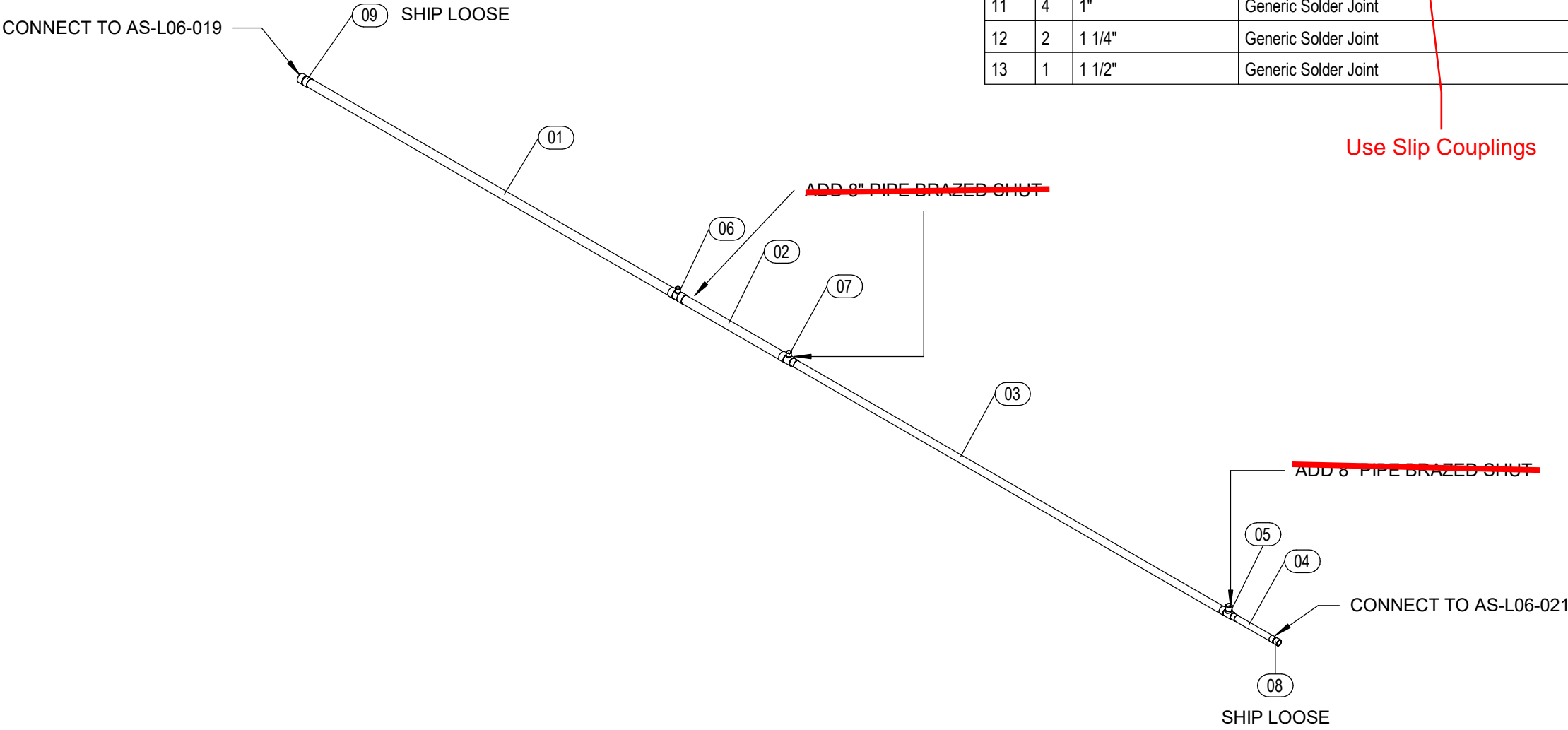
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TICKET:	PUHGR-L06-020
Drawn By:	Author
DATE:	10/22/21
DATE REQ:	



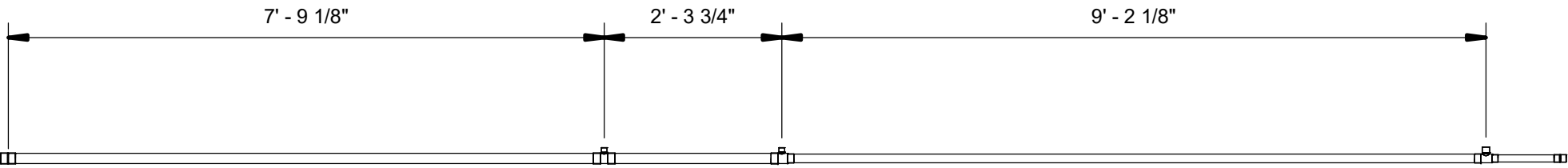
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10/26/2021 2:44:21 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type K Hard Copper Pipe	7'-8 9/16"				1 1/2"
02	1	1 1/2"	Cerro Type K Hard Copper Pipe	2'-2 9/16"				1 1/2"
03	1	1 1/4"	Cerro Type K Hard Copper Pipe	9'-0 7/16"				1"
04	1	1"	Cerro Type K Hard Copper Pipe	0'-10 9/16"				1"
05	1	1 1/4"x1"	Nibco Wrot 611R CxCxC Reducing Tee					1"
06	1	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
07	1	1 1/2"x1 1/4"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
08	1	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
09	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"
10	1	3/4"	Generic Solder Joint					1"
11	4	1"	Generic Solder Joint					1"
12	2	1 1/4"	Generic Solder Joint					1"
13	1	1 1/2"	Generic Solder Joint					1 1/2"



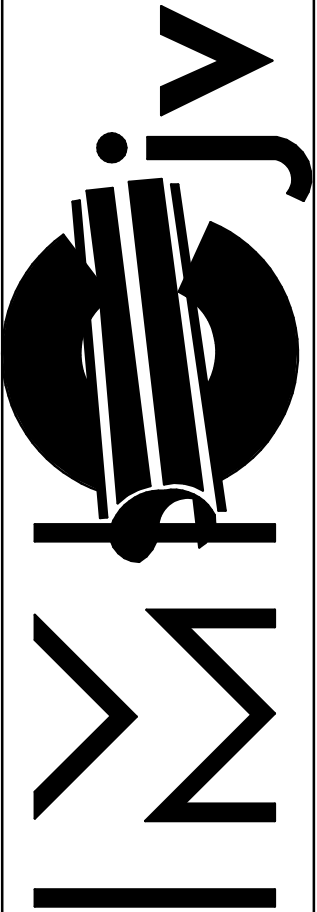
1 ISOMETRIC



3 FRONT VIEW

A1	A3	B1	B3
A2	A4	B2	B4

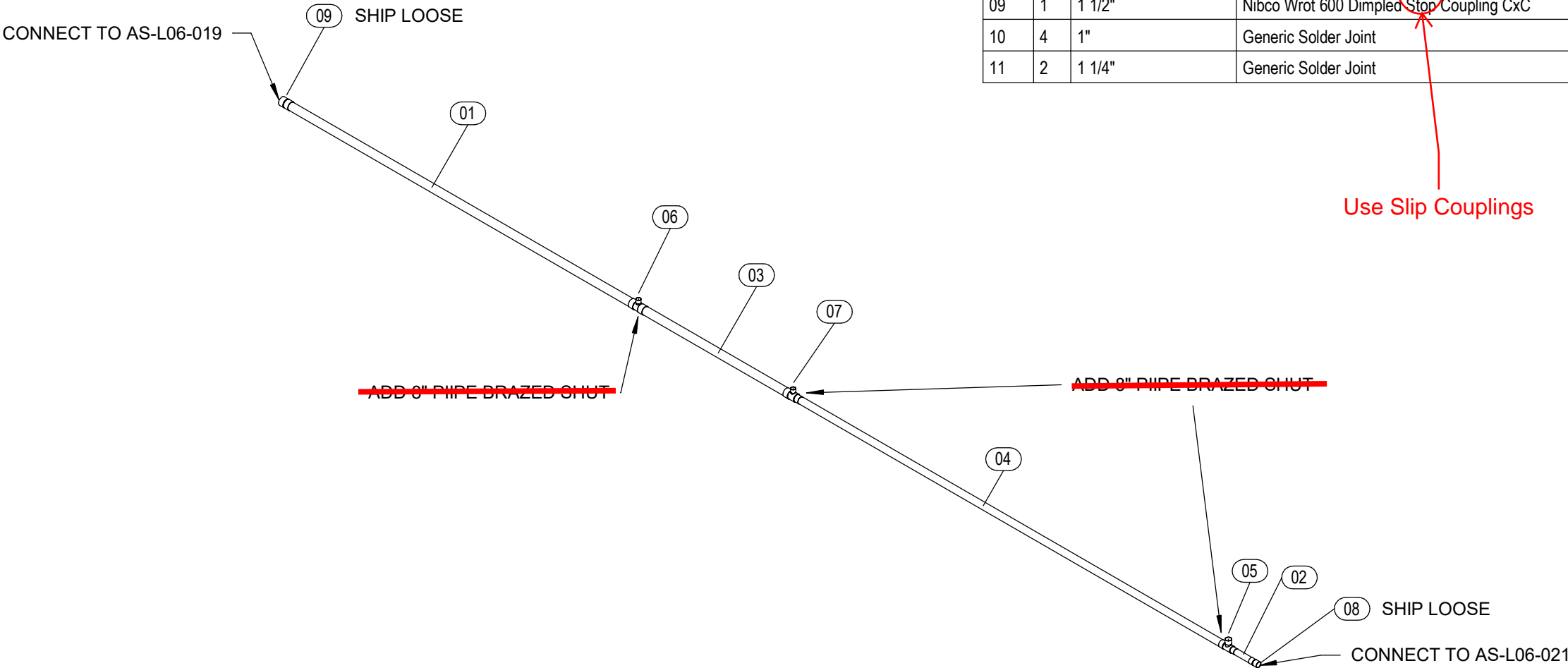
JOB: WASH U NRB	TICKET: HWR-L06-020	Drawn By: Author	DATE: 10/10/21
DATE REQ:			



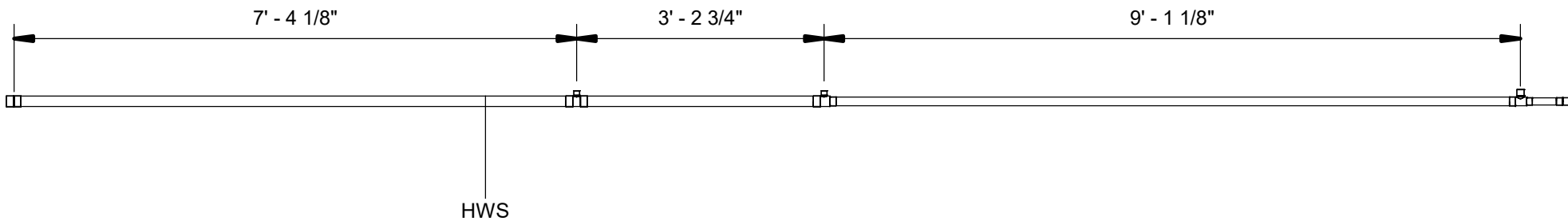
1233 N. Price Rd.
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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
10/26/2021 2:48:56 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type K Hard Copper Pipe	7'-3 9/16"				1 1/2"
02	1	1"	Cerro Type K Hard Copper Pipe	0'-5 9/16"				1"
03	1	1 1/2"	Cerro Type K Hard Copper Pipe	3'-1 9/16"				1 1/2"
04	1	1 1/4"	Cerro Type K Hard Copper Pipe	8'-11 7/16"				1"
05	1	1 1/4"x1"	Nibco Wrot 611R CxCxC Reducing Tee					1"
06	1	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
07	1	1 1/2"x1 1/4"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
08	1	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
09	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"
10	4	1"	Generic Solder Joint					1"
11	2	1 1/4"	Generic Solder Joint					1"



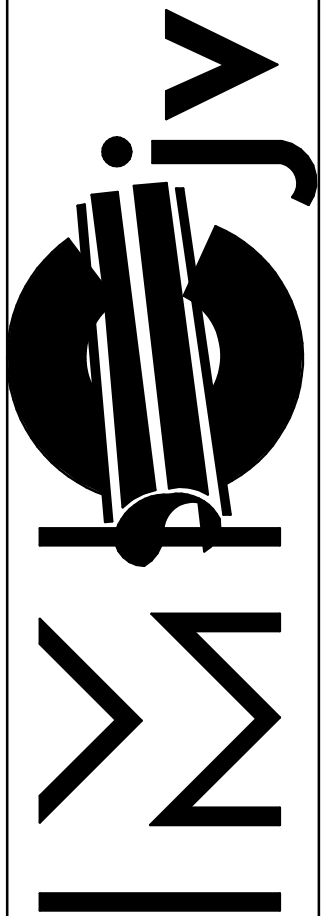
1 ISOMETRIC



3 FRONT VIEW

A1	A3	B1	B3
A2	A4	B2	B4

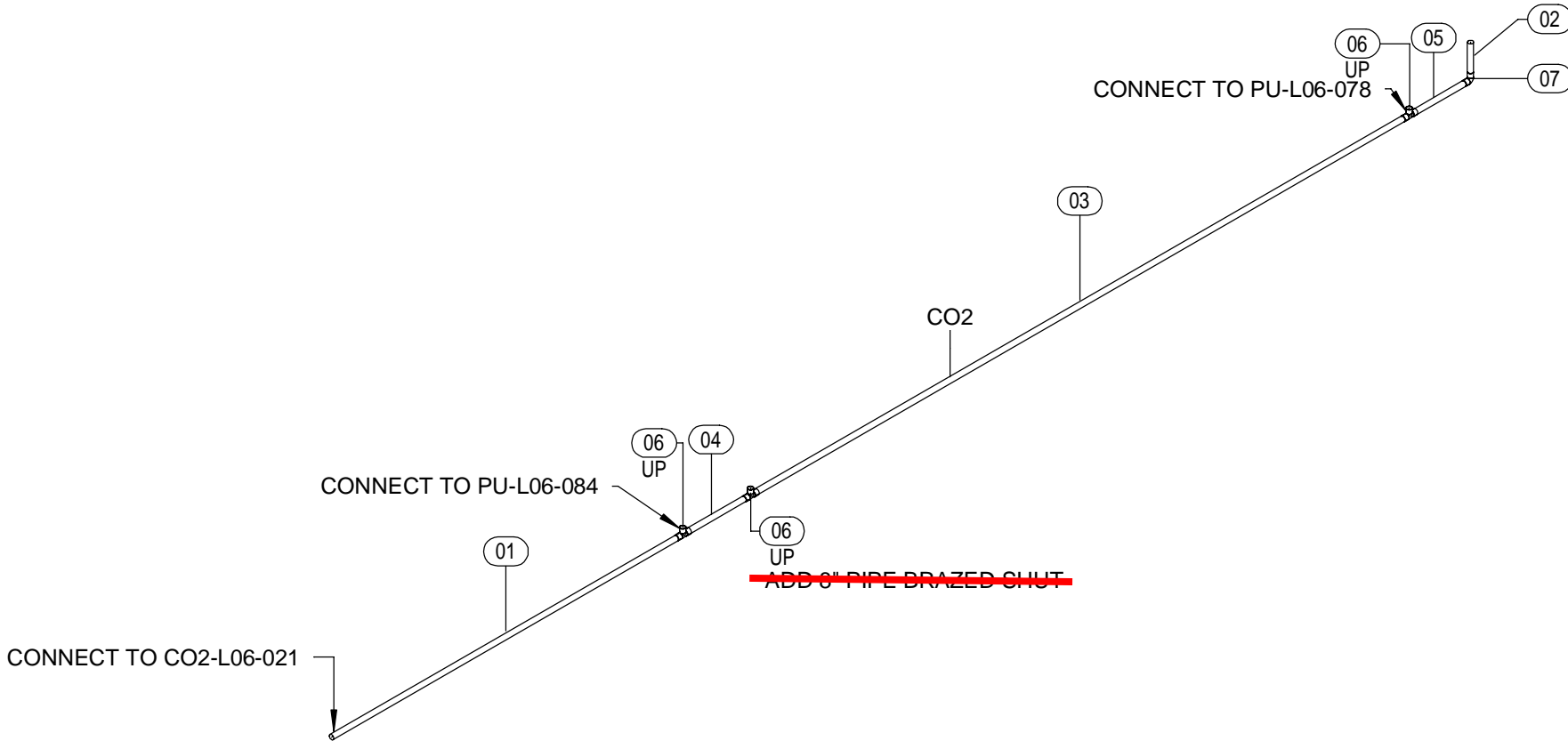
JOB: WASH U NRB	TICKET: HWS-L06-020	Drawn By: Author	DATE REQ: 10/10/21
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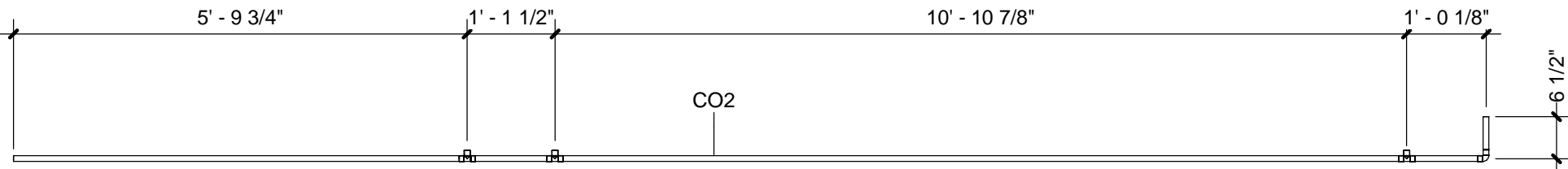
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22-10-2021 16:00:51

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	5'-9 1/4"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-5 1/16"				
03	1	3/4"	Cerro Type L Hard Copper - CFOS	10'-9 15/16"				
04	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-0 1/2"				
05	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-11 1/8"				
06	3	3/4"	Nibco 611-CB CFOS Wrot Copper Tee					
07	1	3/4"	Nibco 607-2-CB CFOS Wrot Copper 90 Elbow Street					



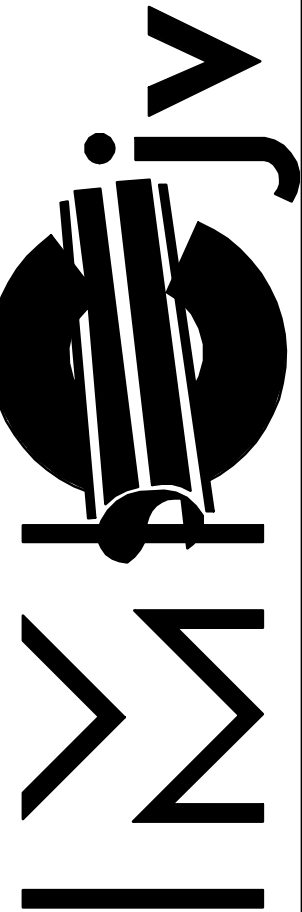
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

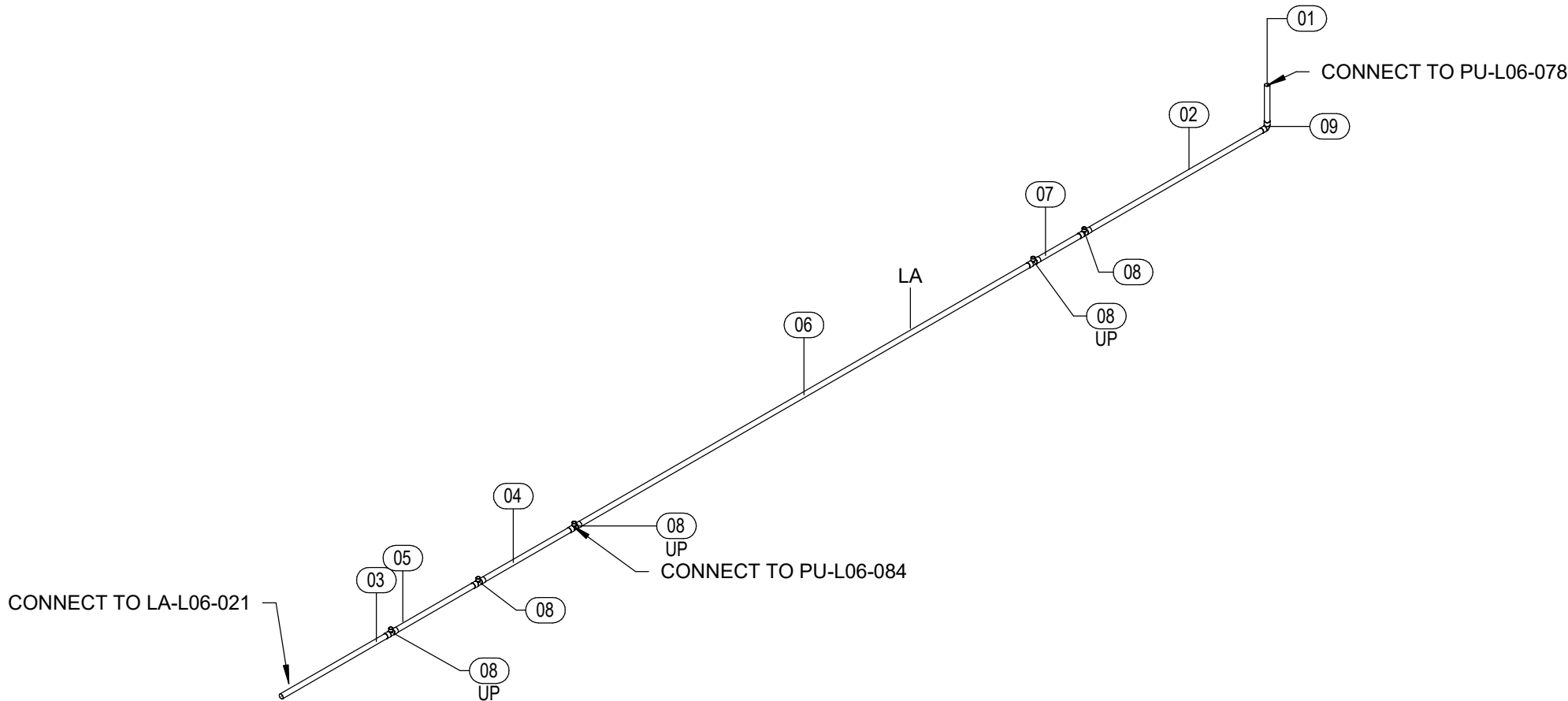
JOB:	WASH U NRB
TICKET:	CO2-L06-020
Drawn By:	Author
DATE:	10/22/21
DATE REQ:	



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314-997-6600 phone

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1/17/2022 2:16:39 PM

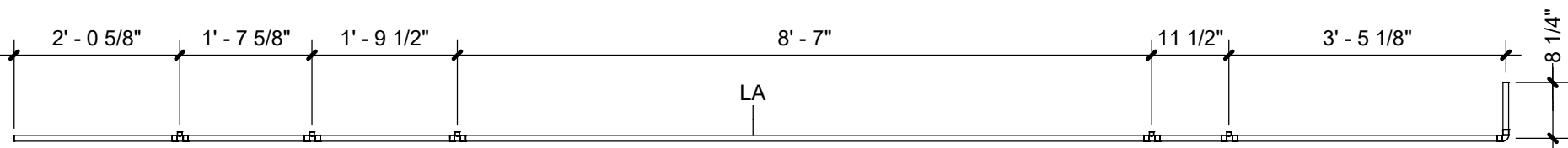
Mark	Qty	Size	Description	Length	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-7 3/4"	
02	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-4 1/8"	
03	1	3/4"	Cerro Type L Hard Copper - CFOS	2'-0 1/4"	
04	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-8 5/8"	
05	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-6 3/4"	
06	1	3/4"	Cerro Type L Hard Copper - CFOS	8'-6 1/8"	
07	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-10 5/8"	
08	5	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
09	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow		



1

ISOMETRIC

SCALE:



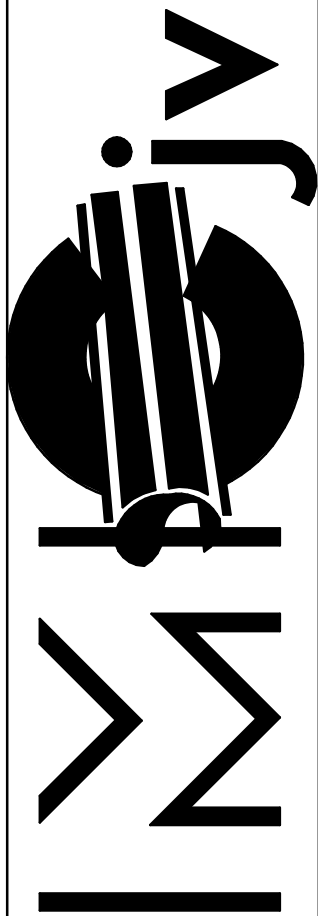
2

RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

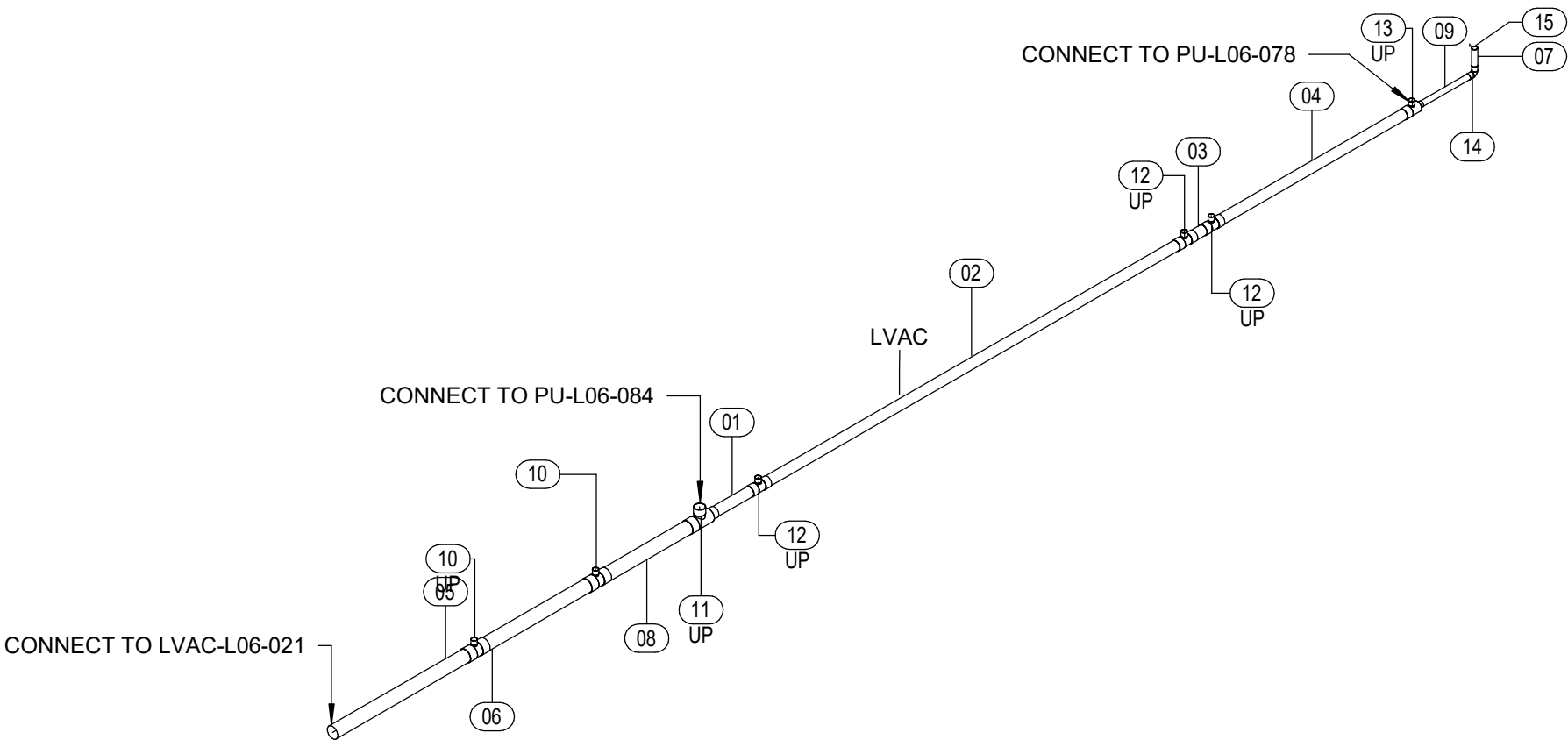
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TICKET:	LA-L06-020
Drawn By: Author	
DATE: 10/22/21	DATE REQ:



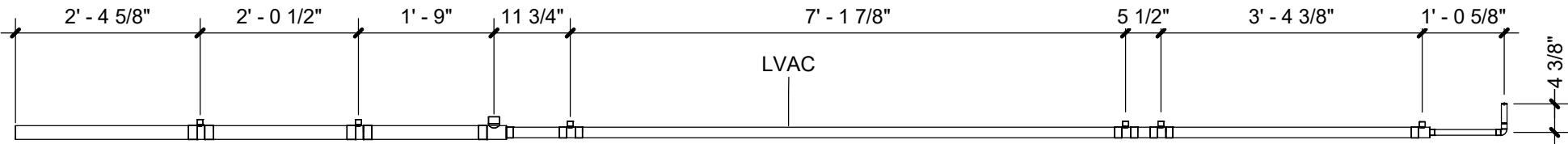
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360//WUSM NRBWUSM_RB_PUF.rvt
1/17/2022 2:17:02 PM

Mark	Qty	Size	Description	Length	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper - CFOS	0'-9 1/4"	
02	1	1 1/2"	Cerro Type L Hard Copper - CFOS	7'-0 1/2"	
03	1	1 1/2"	Cerro Type L Hard Copper - CFOS	0'-4 1/8"	
04	1	1 1/2"	Cerro Type L Hard Copper - CFOS	3'-3"	
05	1	2"	Cerro Type L Hard Copper - CFOS	2'-4 1/8"	
06	1	2"	Cerro Type L Hard Copper - CFOS	1'-11 3/8"	
07	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-3"	
08	1	2"	Cerro Type L Hard Copper - CFOS	1'-7 1/8"	
09	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-11"	
10	2	2"x3/4"x2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
11	1	2"x1 1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
12	3	1 1/2"x3/4"x1 1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
13	1	1 1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
14	1	3/4"	Nibco 607-2-CB CFOS Wrot Copper 90 Elbow Street		



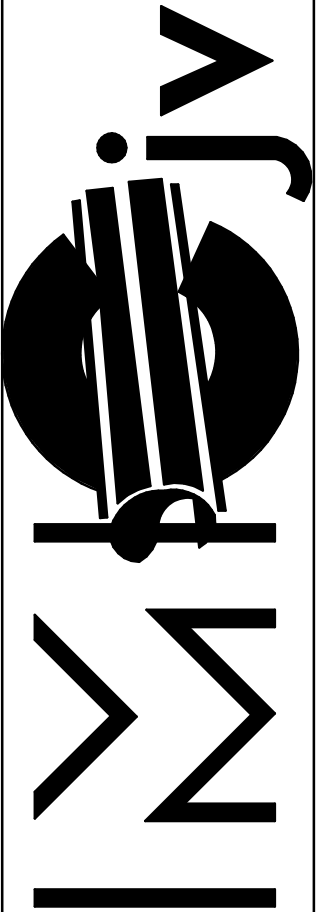
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

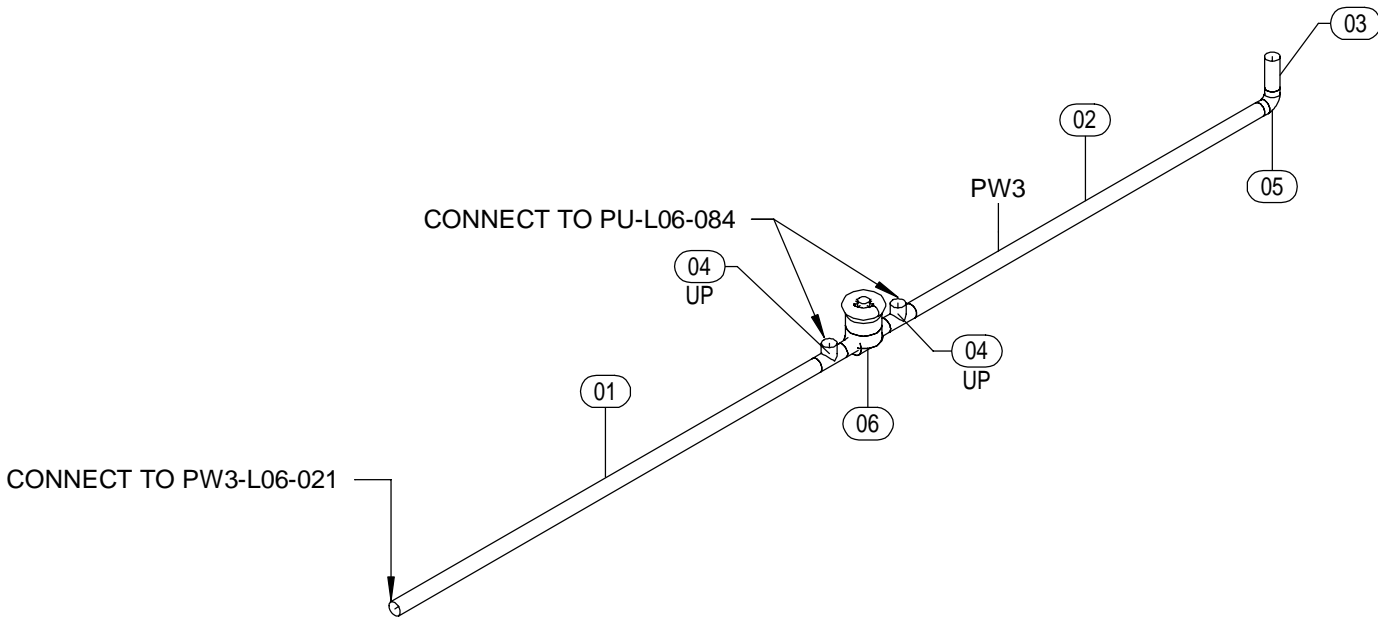
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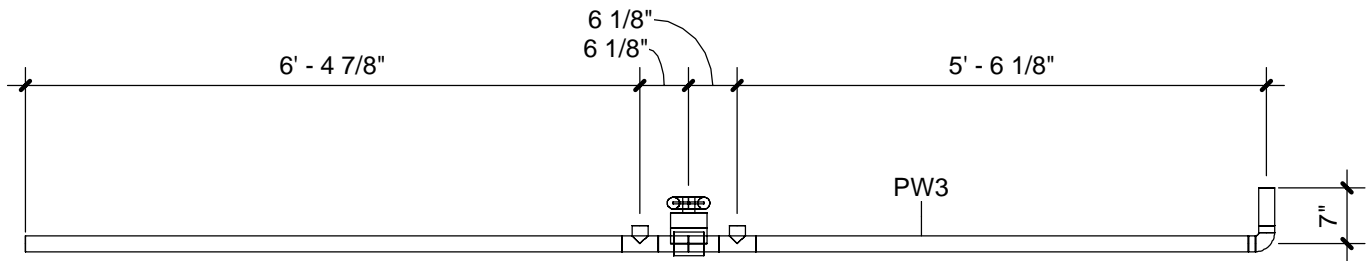
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22-10-2021 18:05:33

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'-2 9/16"				
02	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	5'-1 5/8"				
03	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	0'-4 11/16"				
04	2	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Tee					
05	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow					
06	1	1 1/2"	George Fischer Sloane PROGEF STD-PP Type 515 EDPM Diaphragm Valve BF					



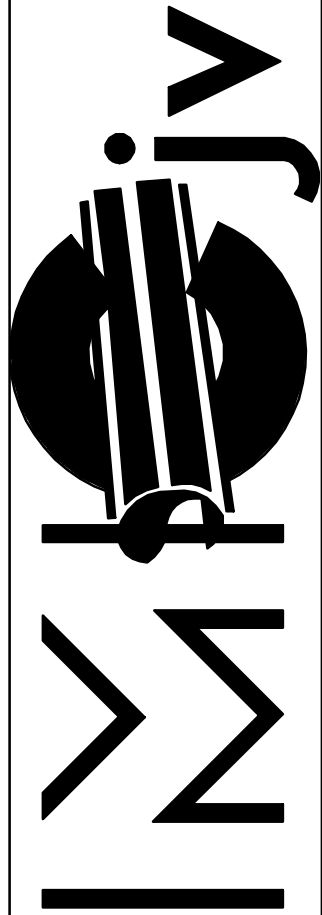
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

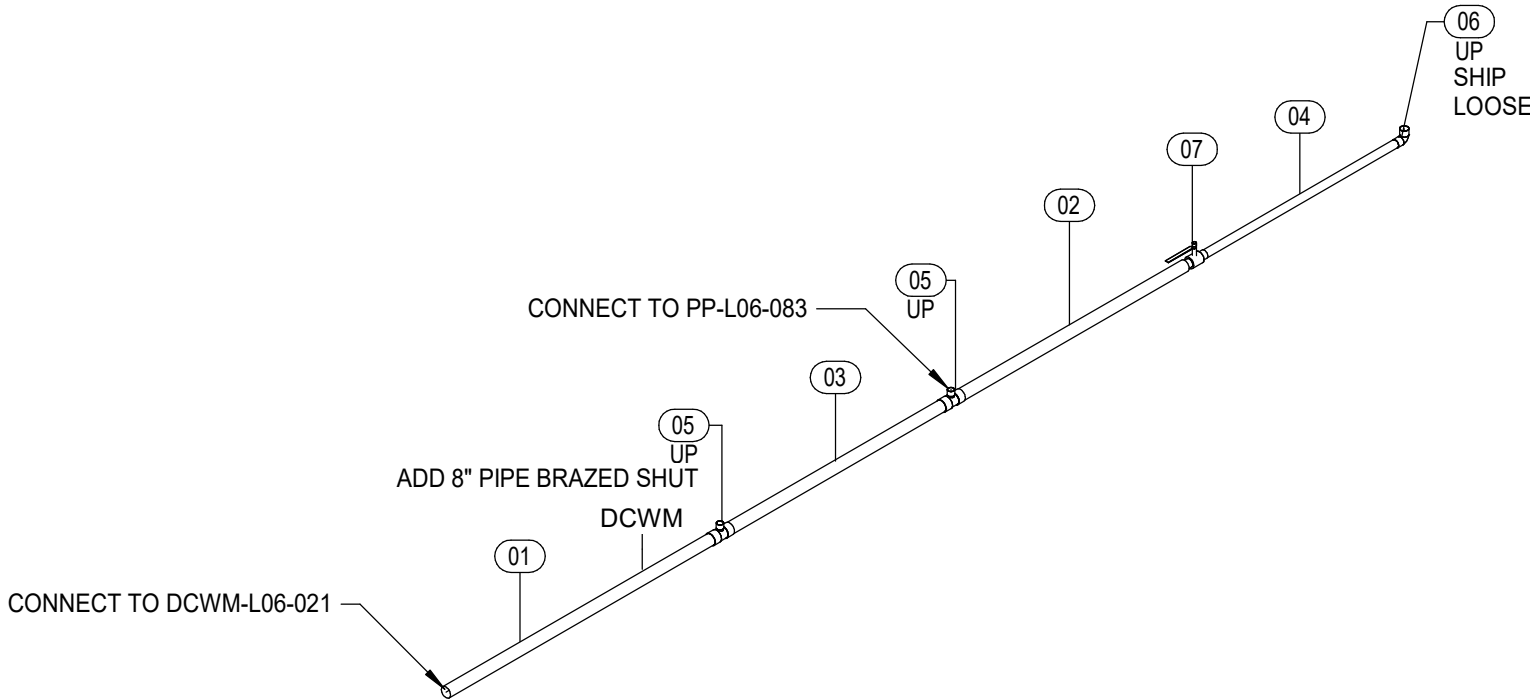
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Drawn By: Author
DATE: 10/22/21
DATE REQ:



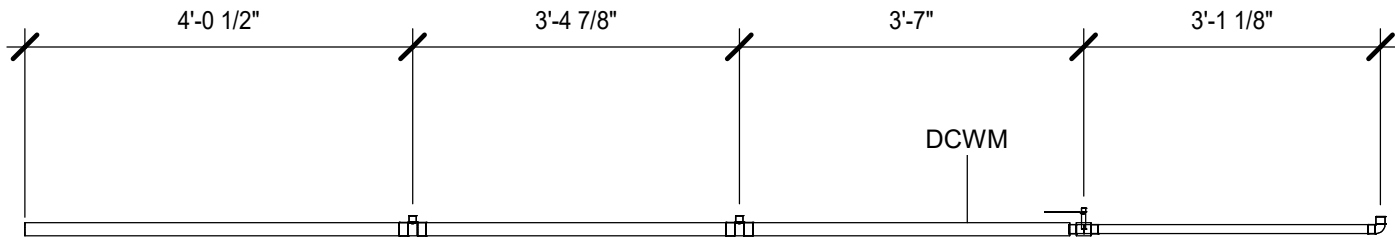
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BIM 360://WUSM NRBWUSM_RB_PLF.rvt
11/29/2021 11:00:51 AM

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



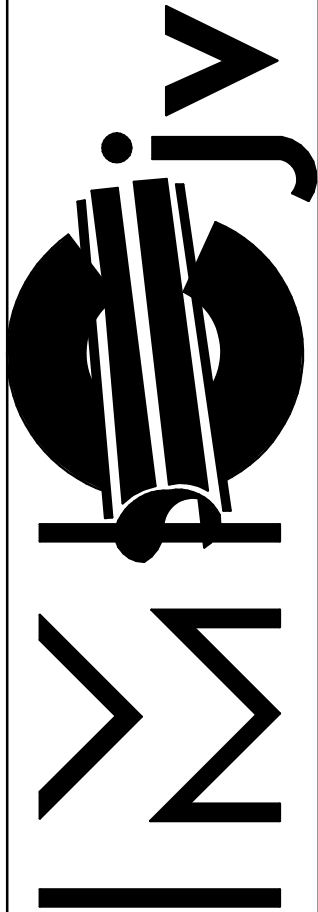
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

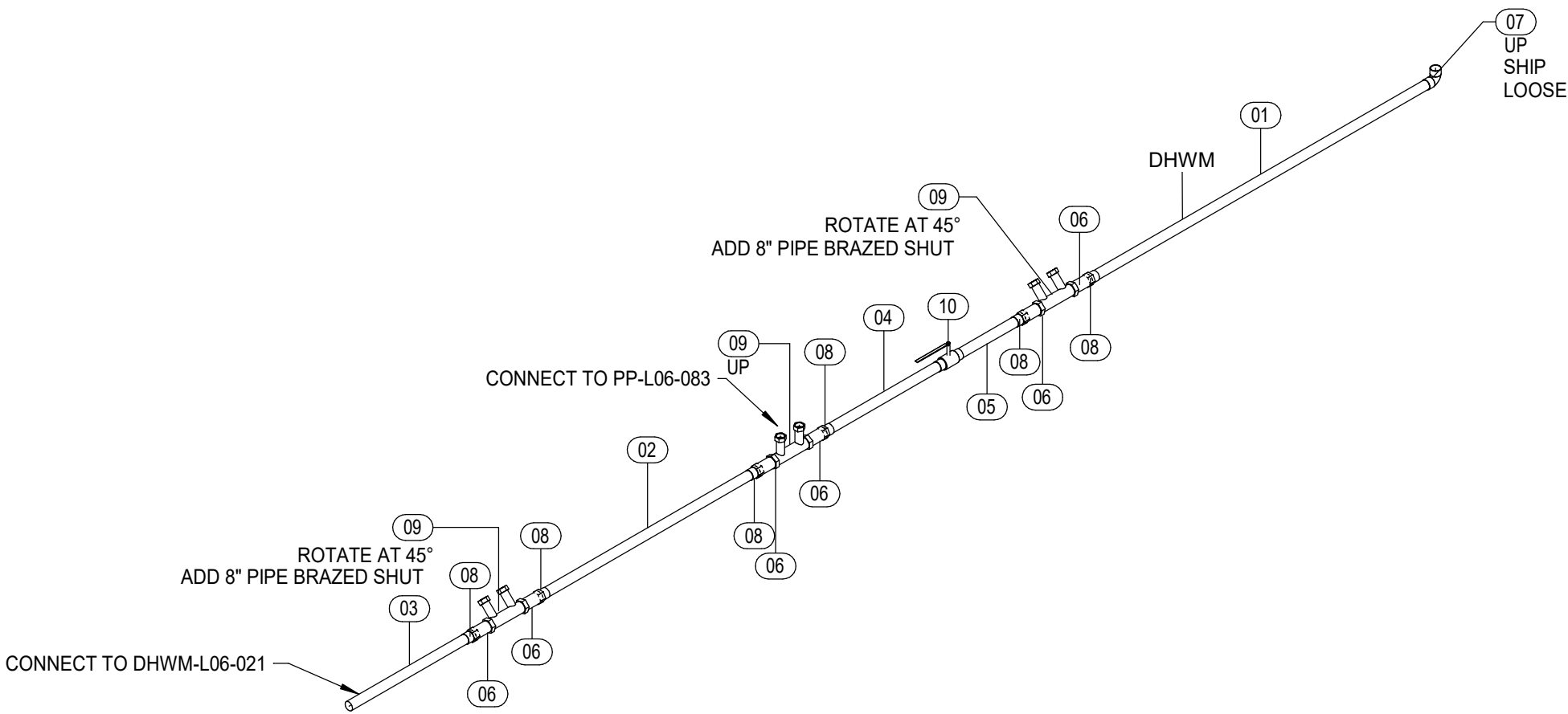
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TICKET:	DCWM-L06-020
Drawn By: Author	
DATE: 10/22/21	DATE REQ:



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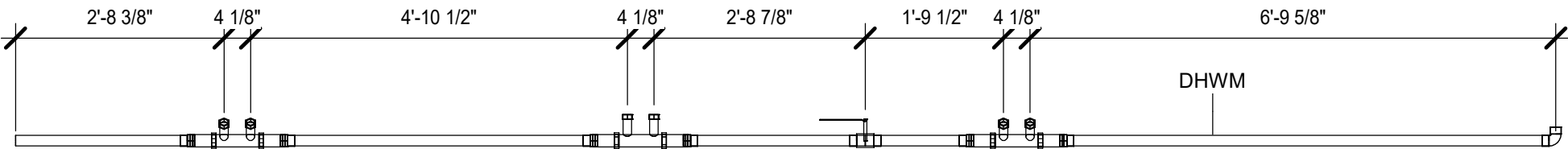
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11/29/2021 11:02:48 AM

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	6'-2 7/8"				2"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	3'-10 15/16"				2"
03	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	2'-2 11/16"				2"
04	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	2'-1 7/8"				2"
05	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	1'-2 5/16"				2"
06	6	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting Pressure Pipe					2"
07	1	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC Pressure Pipe					2"
08	6	1 1/2"	Nibco Wrot 603 Adapter CxF Pressure Pipe					2"
09	3	1 1/2"x1"	Kemper Kemper Fig651 20 KHS Flow-Splitter FPT Pressure Pipe					2"
10	1	1 1/2"	Apollo 77CLF-140 LF-Brz 2pc FP SS-B&S Ball Valve Swt					2"



1 ISOMETRIC

SCALE:



2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

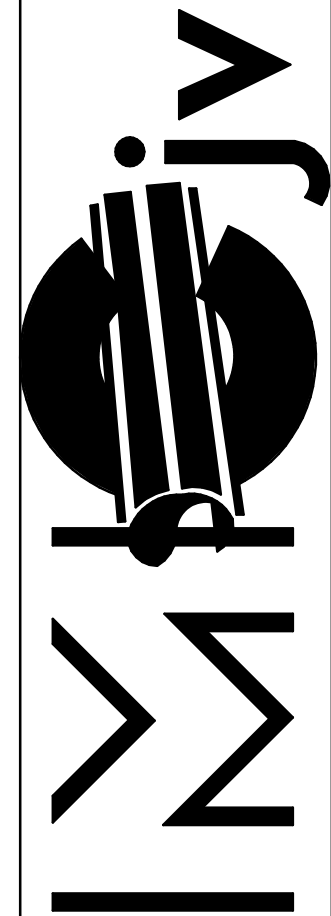
JOB: WASH U NRB

TICKET: DHWM-L06-020

Drawn By: Author

DATE: 10/22/21

DATE REQ:



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