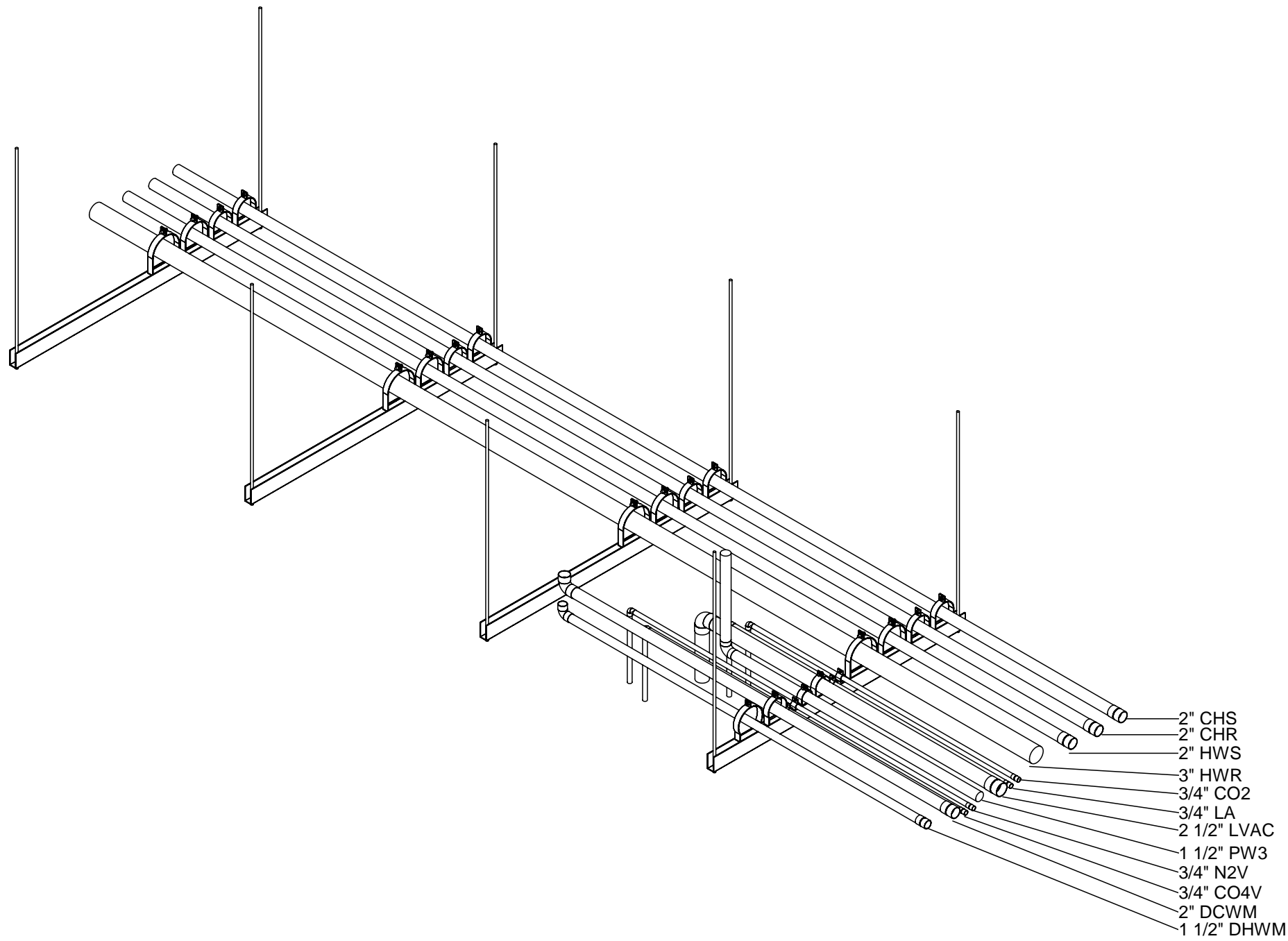
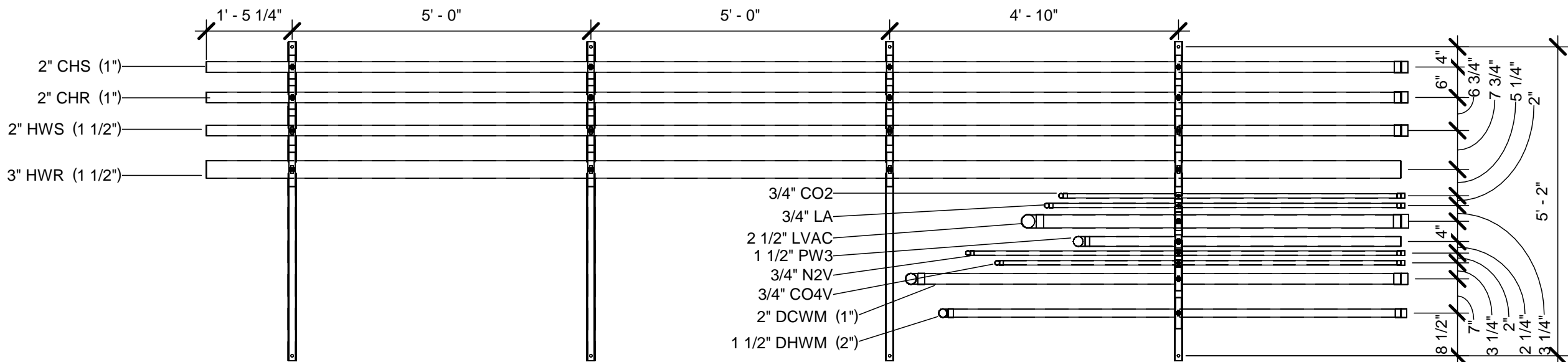


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18-11-2021 16:54:35



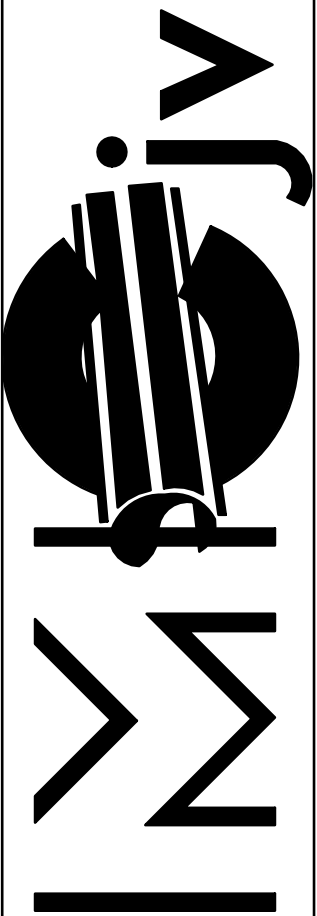
- 2" CHS
- 2" CHR
- 2" HWS
- 3" HWR
- 3/4" CO2
- 3/4" LA
- 2 1/2" LVAC
- 1 1/2" PW3
- 3/4" N2V
- 3/4" CO4V
- 2" DCWM
- 1 1/2" DHWM

1 AS-L07-011 - ISOMETRIC
AS-L07-011 SCALE:



2 AS-L07-011
AS-L07-011 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

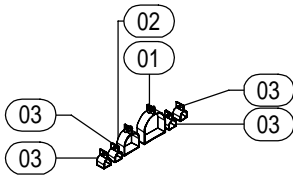


1233 N. Price Rd.
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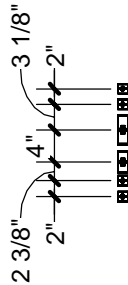
JOB:	WASH U NRB
TICKET:	AS-L07-011
Drawn By: Author	
DATE: 11/18/21	DATE REQ:

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
18-11-2021 10:47:50

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	1	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
03	4	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	



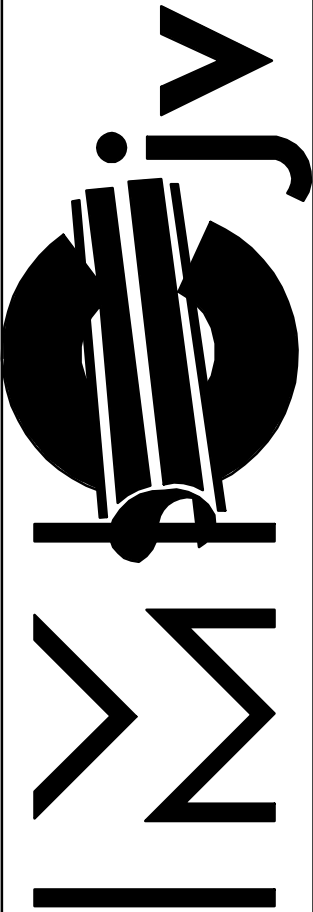
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PUHGR-L07-011
Drawn By: Author	
DATE: 11/18/21	DATE REQ:

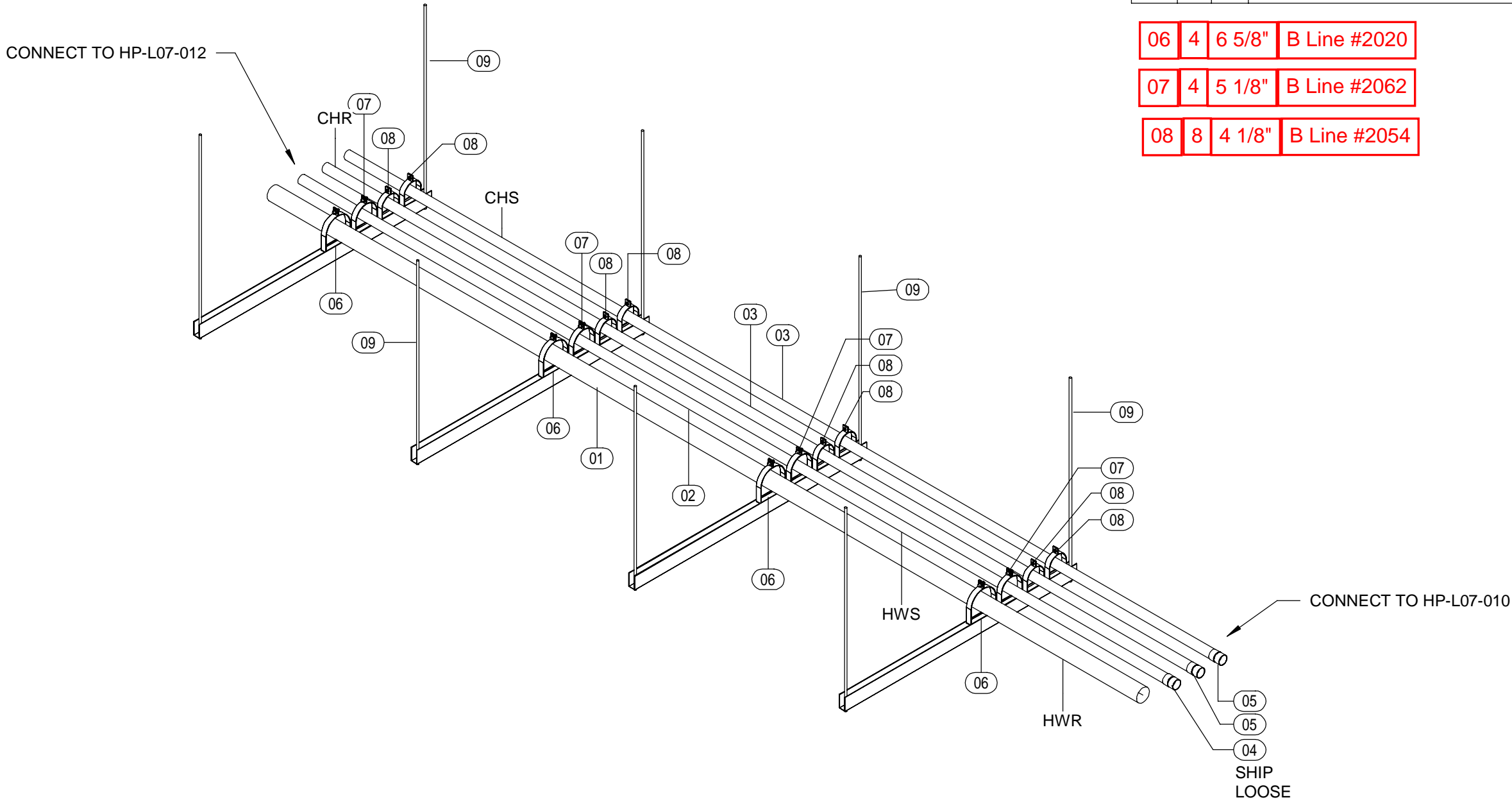


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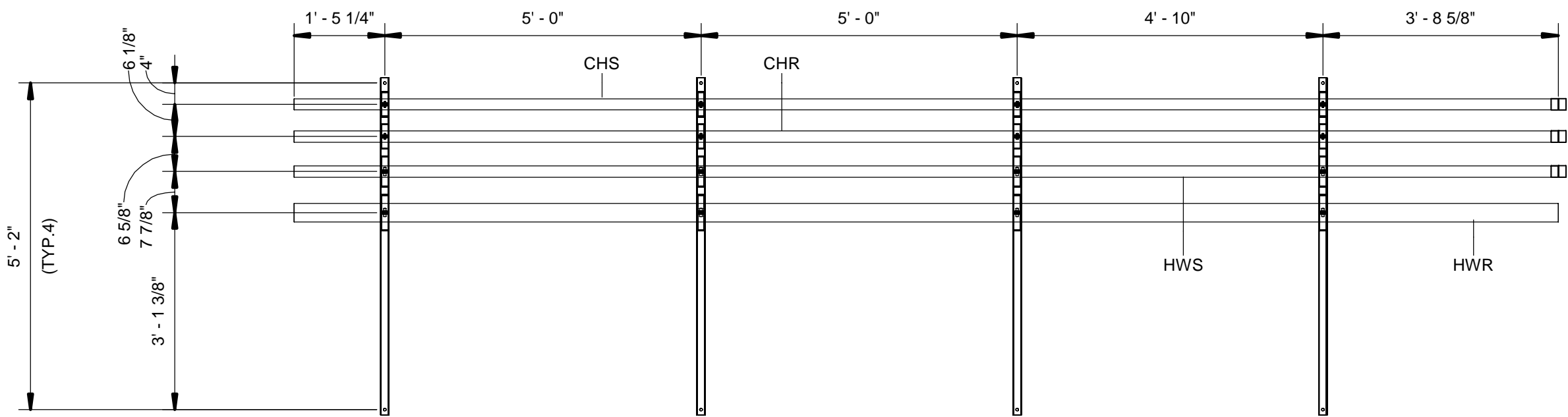
BIM 360/WUSM NRBWUSM_RB_HPE.rvt
18-11-2021 17:36:23

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	19'-11 7/8"				1 1/2"
02	1	2"	Cerro Type K Hard Copper Pipe	19'-11 7/8"				1 1/2"
03	2	2"	Cerro Type K Hard Copper Pipe	19'-11 7/8"				1"
04	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"
05	2	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
06	4	6"	B-Line D2000 ZN Sch 40 Pipe Clamp		0"		0"	
07	4	6"	B-Line D2000 ZN Sch 40 Pipe Clamp		0"		0"	
08	8	4"	B-Line D2000 ZN Sch 40 Pipe Clamp		0"		0"	
09	4	60"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		5' - 4"	4' - 0 5/8"	4' - 0 5/8"	

06	4	6 5/8"	B Line #2020
07	4	5 1/8"	B Line #2062
08	8	4 1/8"	B Line #2054



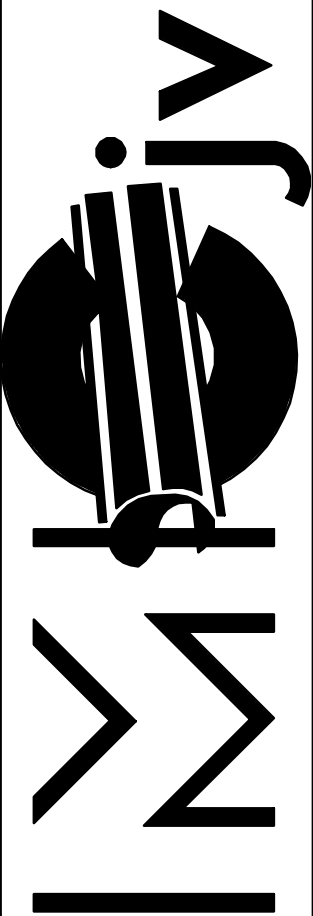
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: HP-L07-011
Drawn By: Author
DATE: 11/17/21
DATE REQ:



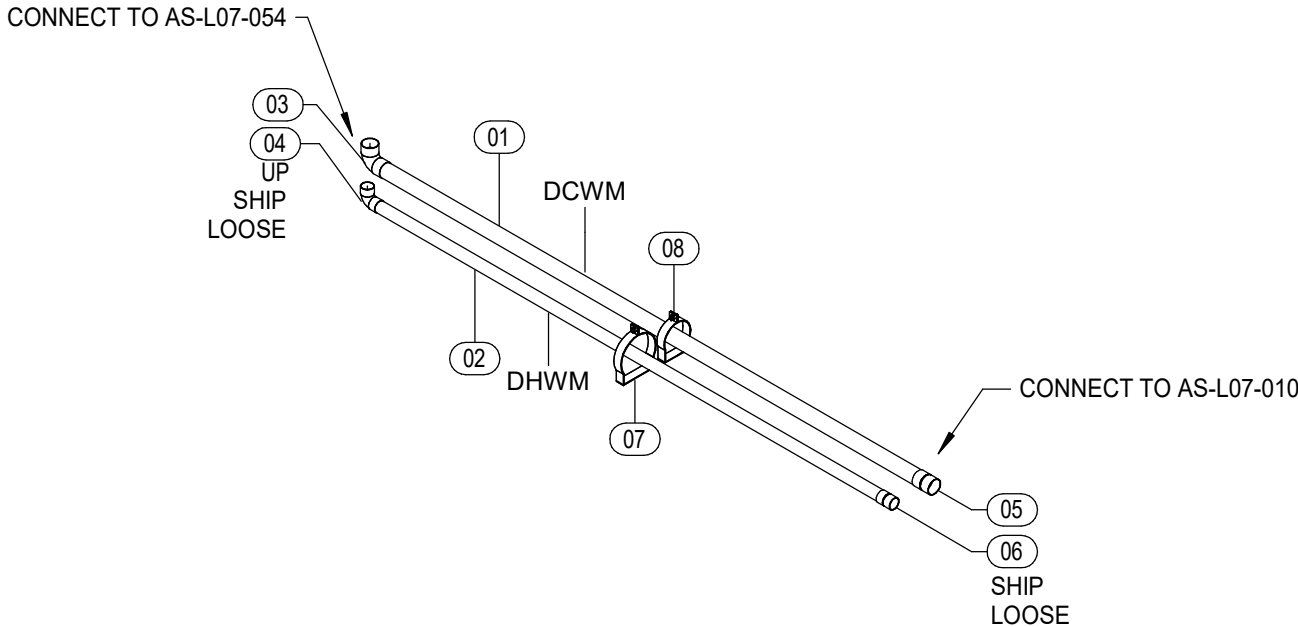
1233 N. Price Rd.
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BIM 360://WUSM NRB/WUSM RB_PLF.rvt
11/19/2021 1:50:55 PM

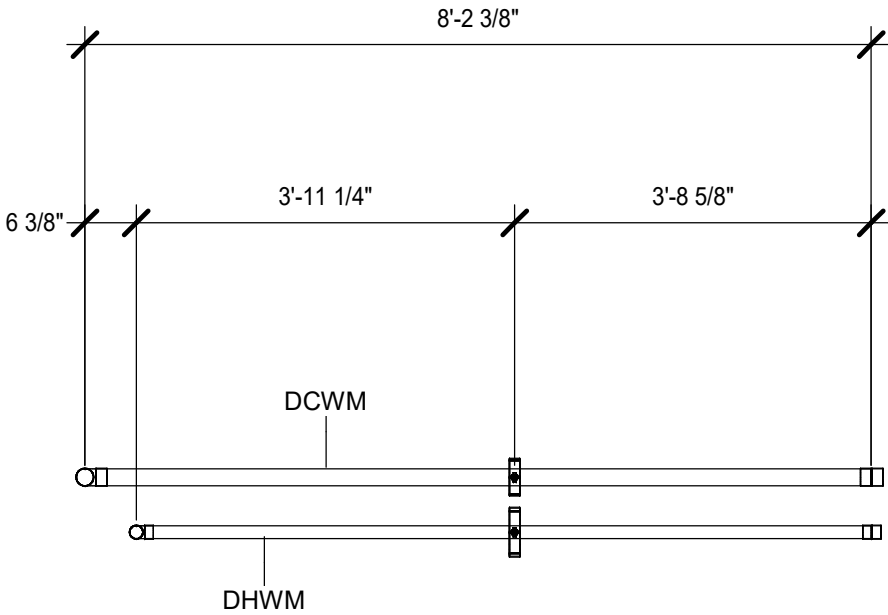
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe	8'-0 15/16"				1"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	7'-6 7/8"				2"
03	1	2"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	1	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC					2"
05	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
06	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"
07	1	3.13"	B Line B2000 Series - OD Pipe and Conduit		0"		0"	
08	1	4.12"	B Line B2000 Series - OD Pipe and Conduit		0"		0"	

05	1	5 5/8"	B Line #2066
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08	1	4 1/8"	B Line #2054
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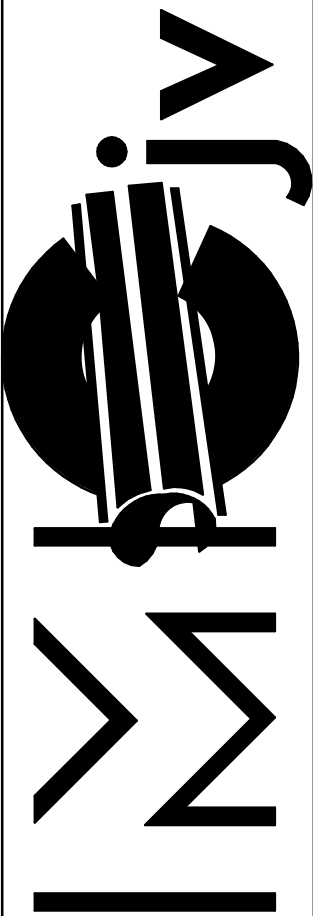
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

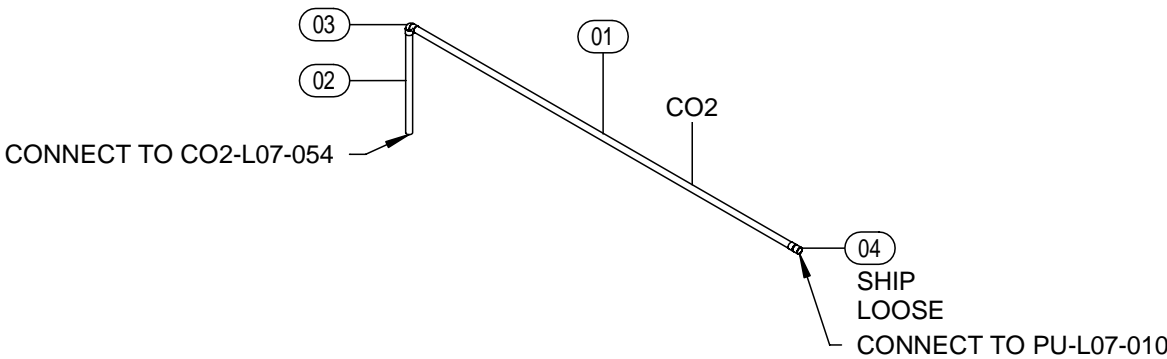
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TICKET: PP-L07-011
Drawn By: Author
DATE: 11/17/21
DATE REQ:



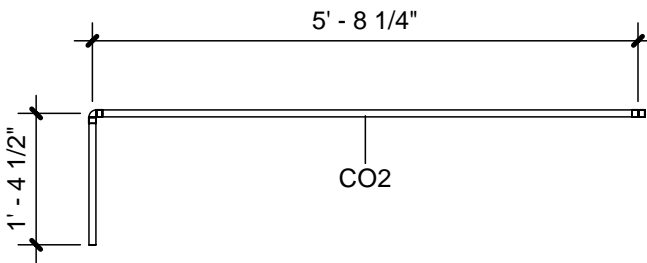
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
17-11-2021 16:33:31

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	5'-7 3/4"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-3 15/16"				
03	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
04	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



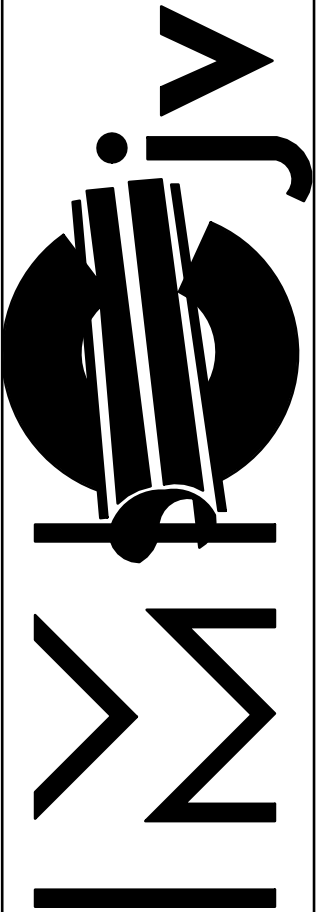
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

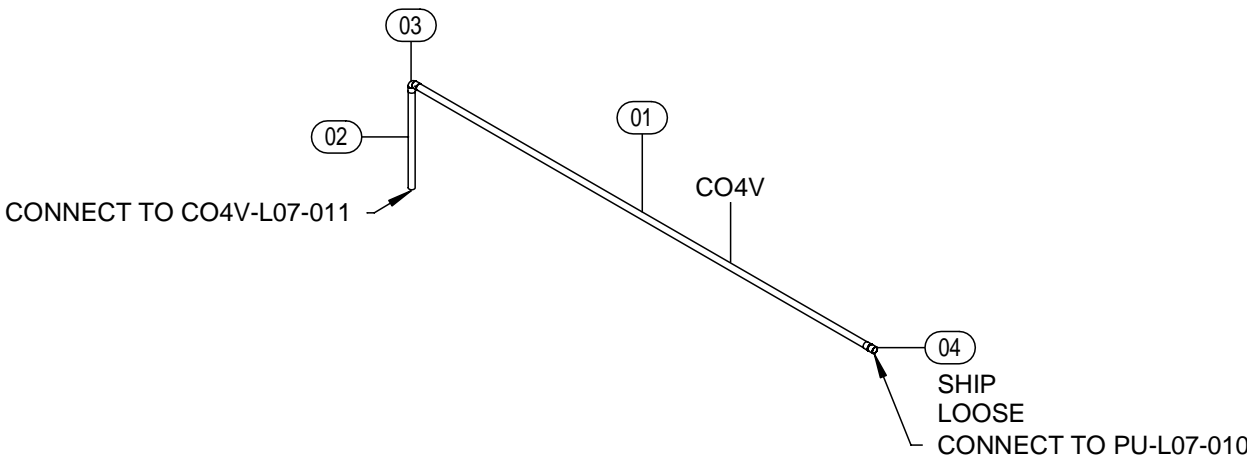
JOB:	WASH U NRB
TICKET:	CO2-L07-011
Drawn By: Author	
DATE: 11/17/21	DATE REQ:



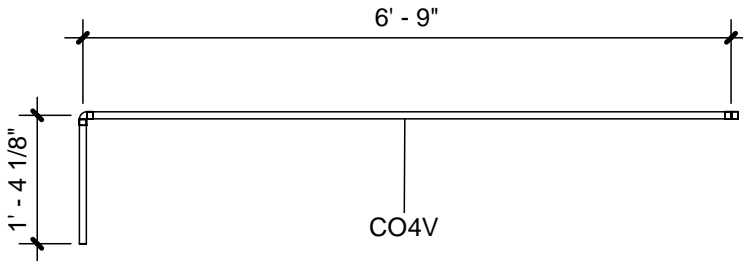
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BIM 360//WUSM NRBWUSM_RB_PUF.rvt
17-11-2021 17:03:10

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	6'-8 9/16"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-3 9/16"				
03	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
04	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



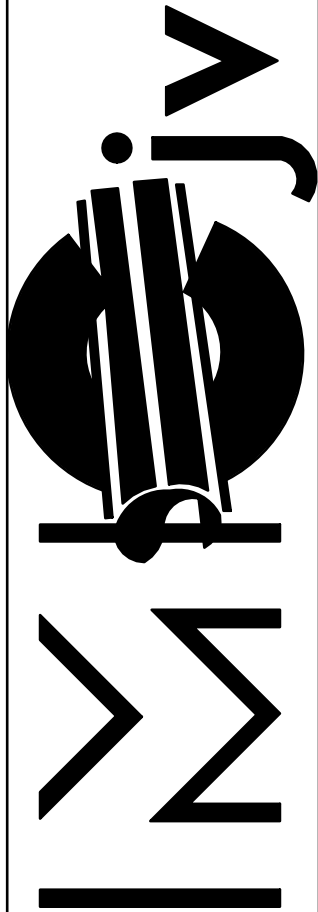
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

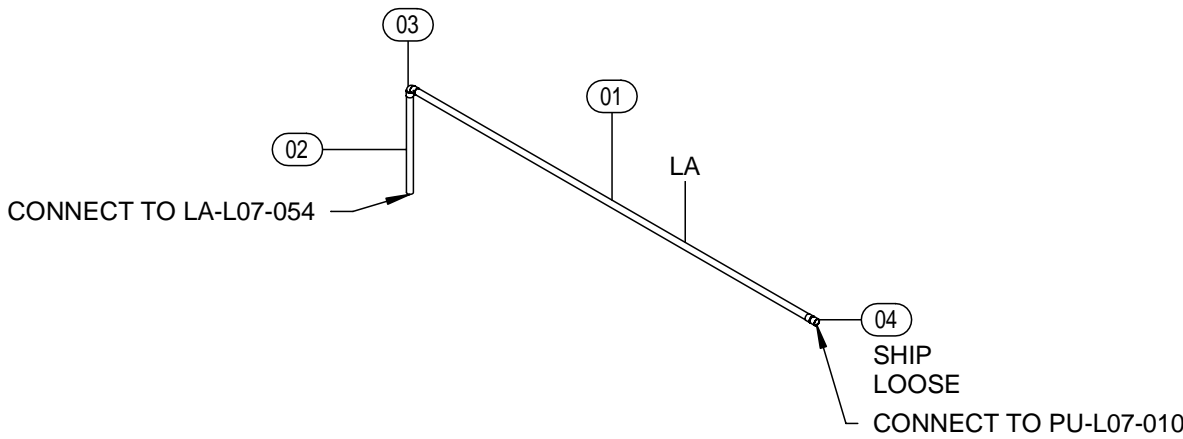
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TICKET:	CO4V-L07-011
Drawn By: Author	
DATE: 11/17/21	DATE REQ:



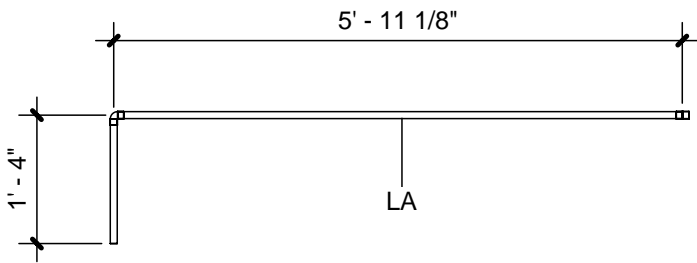
1233 N. Price Rd.
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BIM 360//WUSM NRBWUSM_RB_PUF.rvt
17-11-2021 16:45:03

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	5'-10 5/8"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-3 9/16"				
03	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
04	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



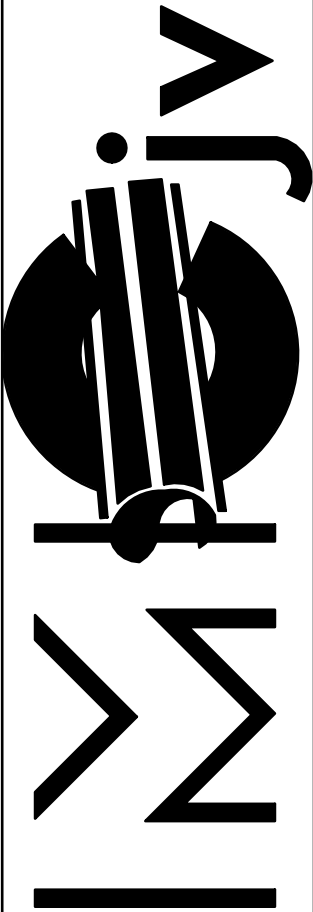
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

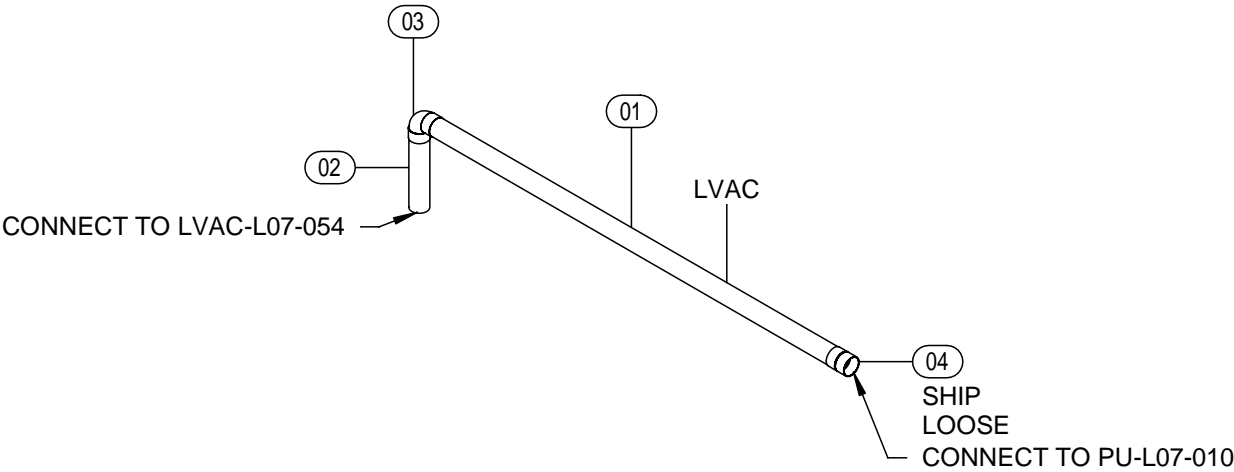
JOB: WASH U NRB
TICKET: LA-L07-011
Drawn By: Author
DATE: 11/17/21
DATE REQ:



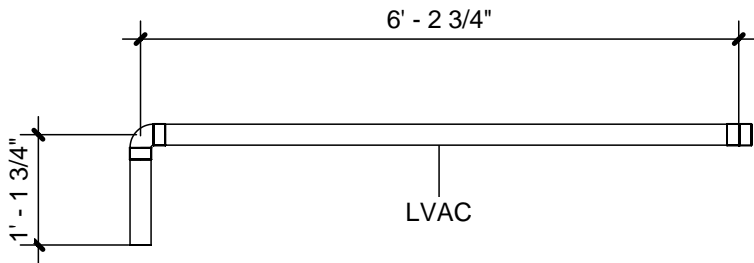
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
17-11-2021 18:16:47

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2 1/2"	Cerro Type L Hard Copper - CFOS	6'-1 3/16"				
02	1	2 1/2"	Cerro Type L Hard Copper - CFOS	1'-0 3/16"				
03	1	2 1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					
04	1	2 1/2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



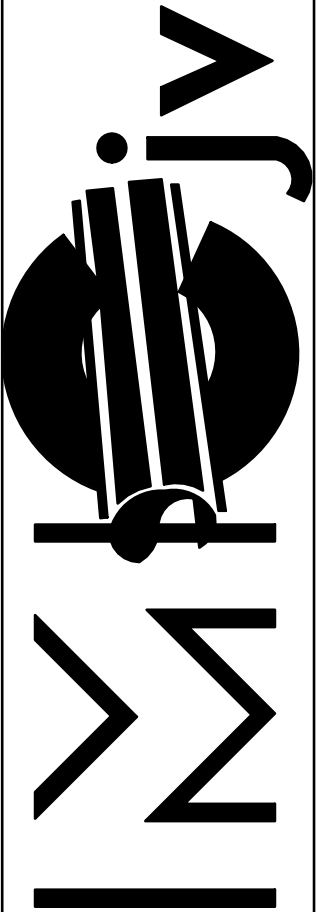
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

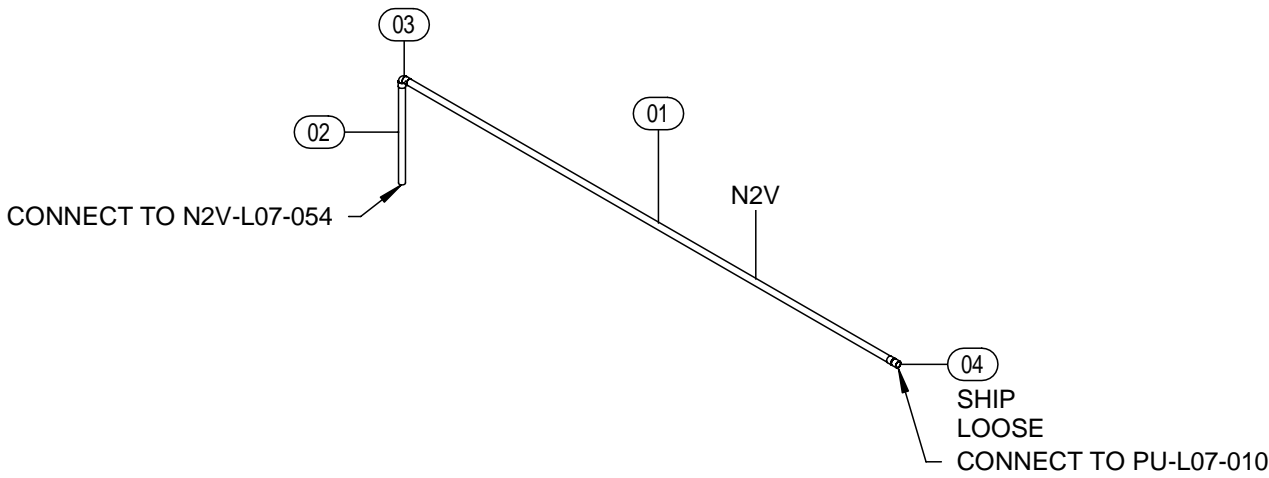
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TICKET: LVAC-L07-011
Drawn By: Author
DATE: 11/17/21
DATE REQ:



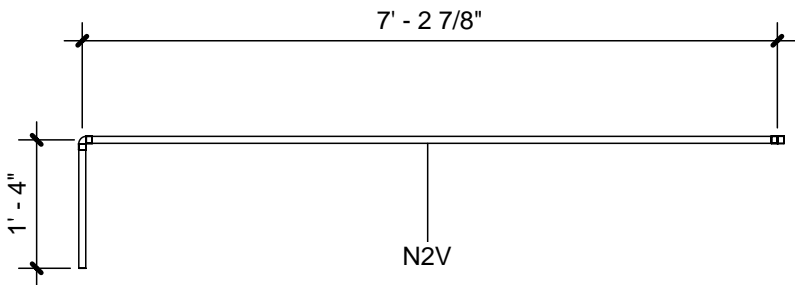
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
17-11-2021 16:57:56

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	7'-5 3/4"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-3 9/16"				
03	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
04	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



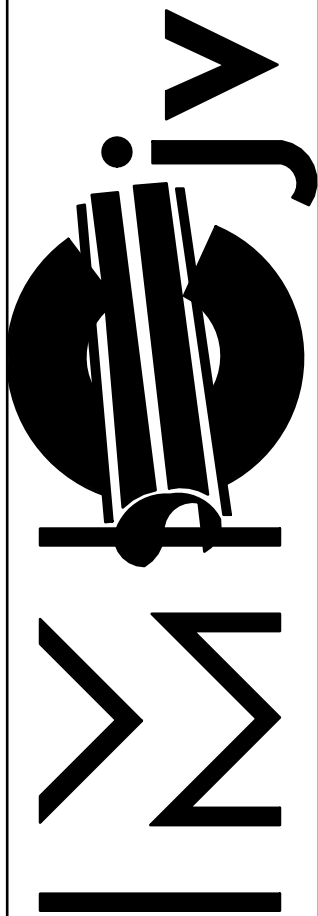
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

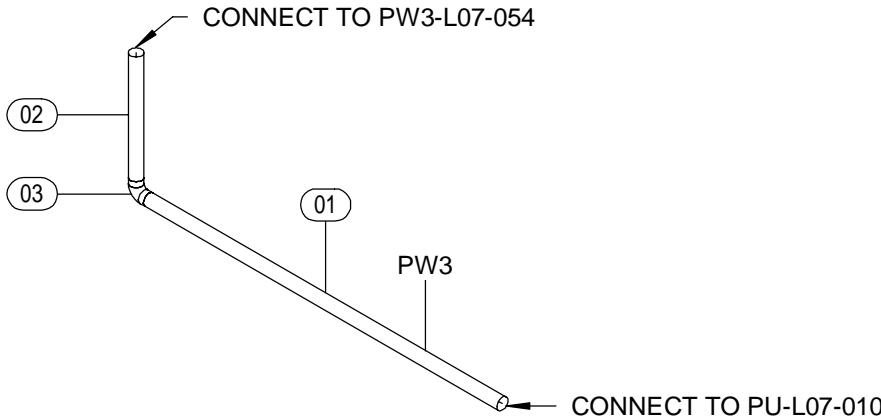
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Drawn By: Author
DATE: 11/17/21
DATE REQ:



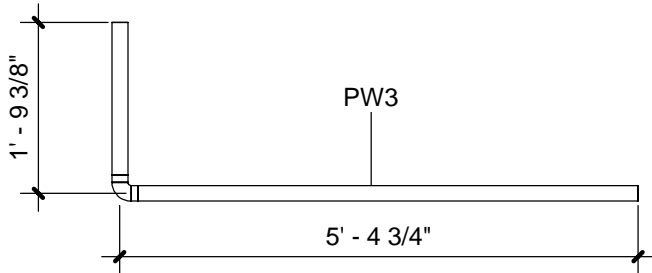
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
18-11-2021 11:16:35

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	5'-2 1/2"				
02	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	1'-7 1/8"				
03	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow					



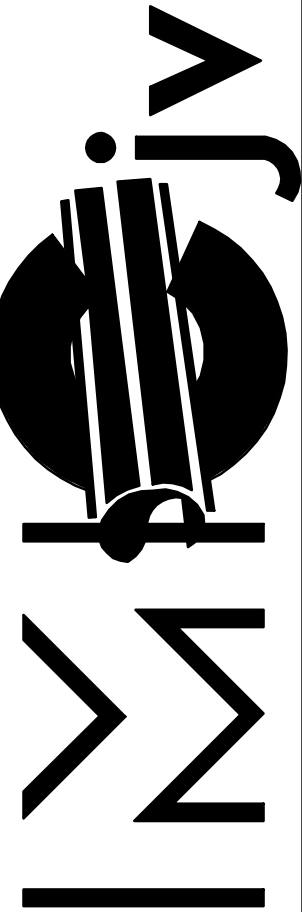
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW3-L07-011
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



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