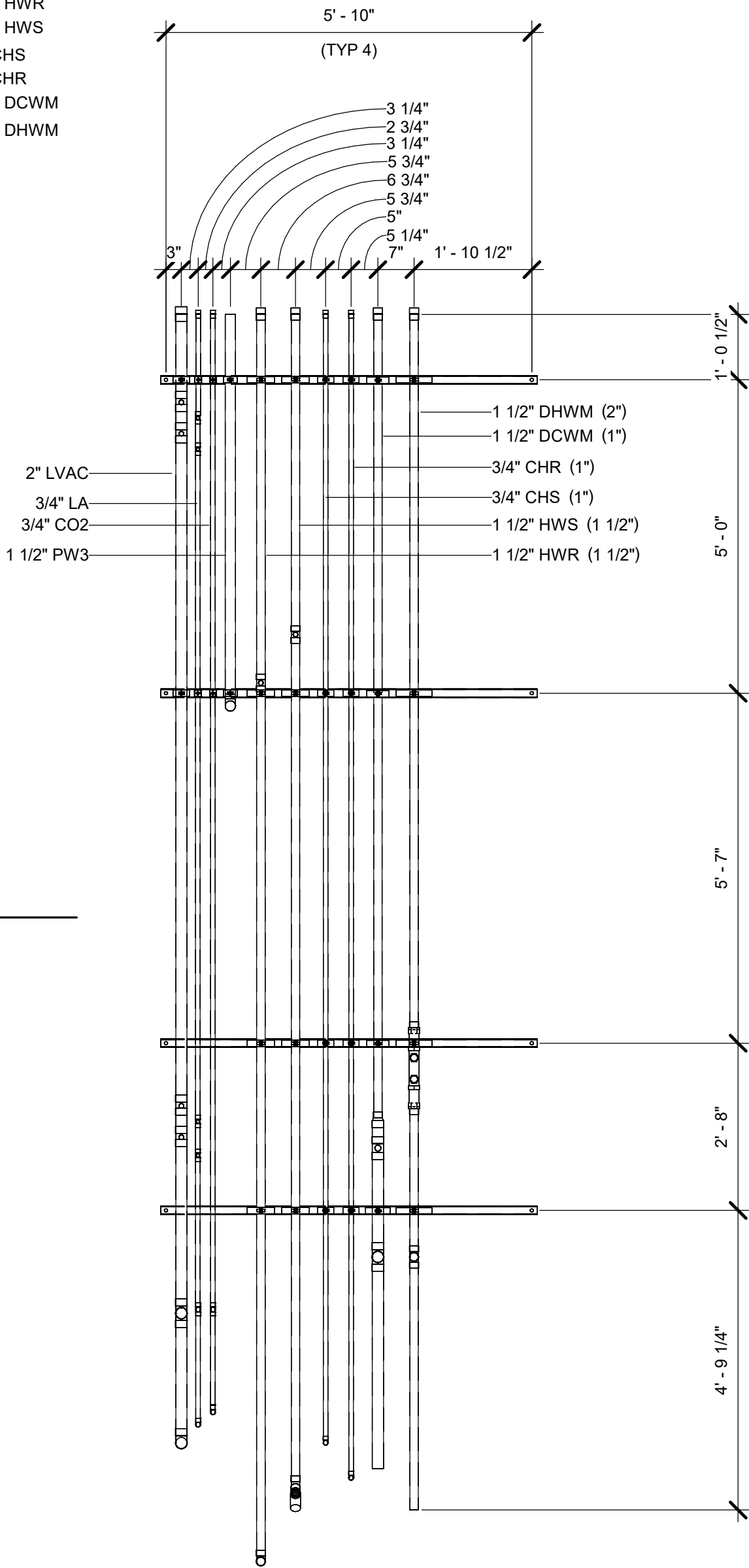
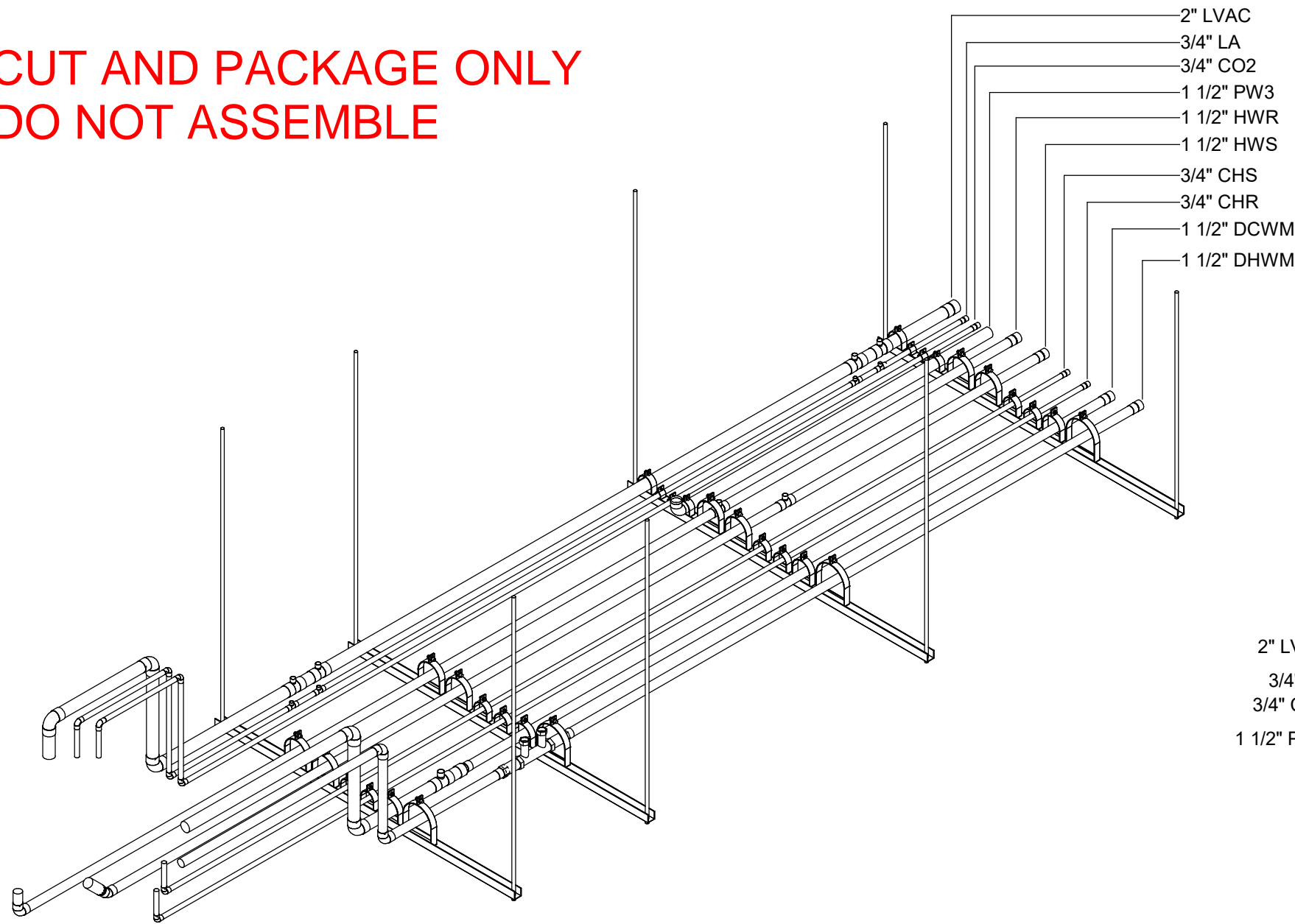


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11/8/2021 2:56:10 PM

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DO NOT ASSEMBLE

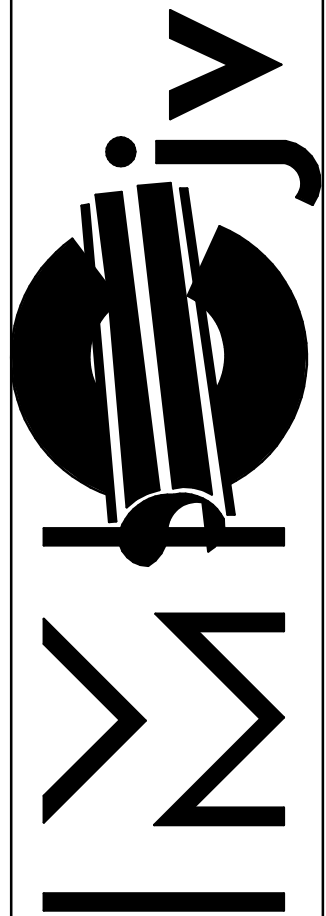


1 AS-L06-073 - ISOMETRIC
AS-L06-073 SCALE:

2 AS-L06-073
AS-L06-073 SCALE: 1/2" = 1'-0"

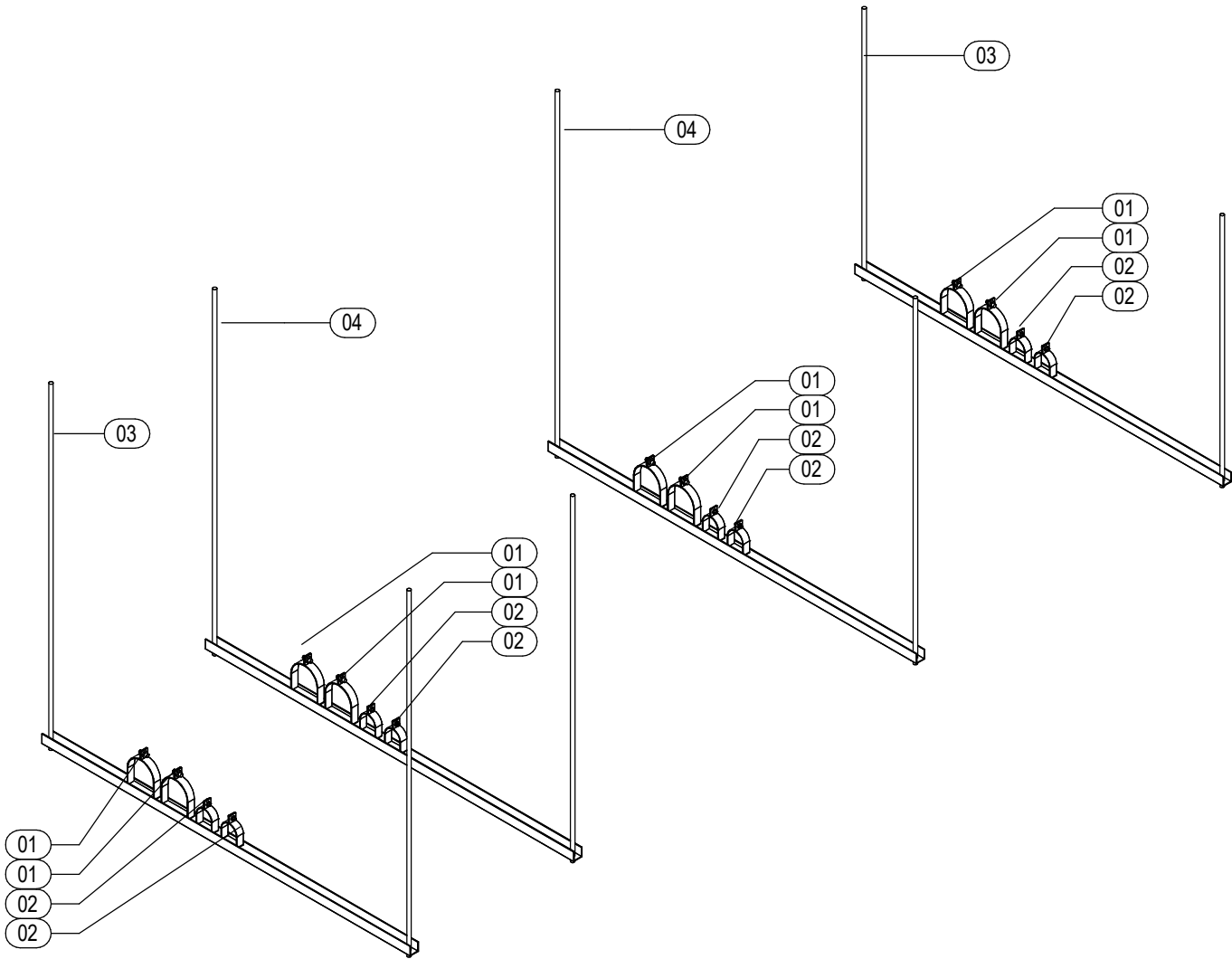
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: AS-L06-073
Drawn By: Author
DATE: 11/01/21
DATE REQ:

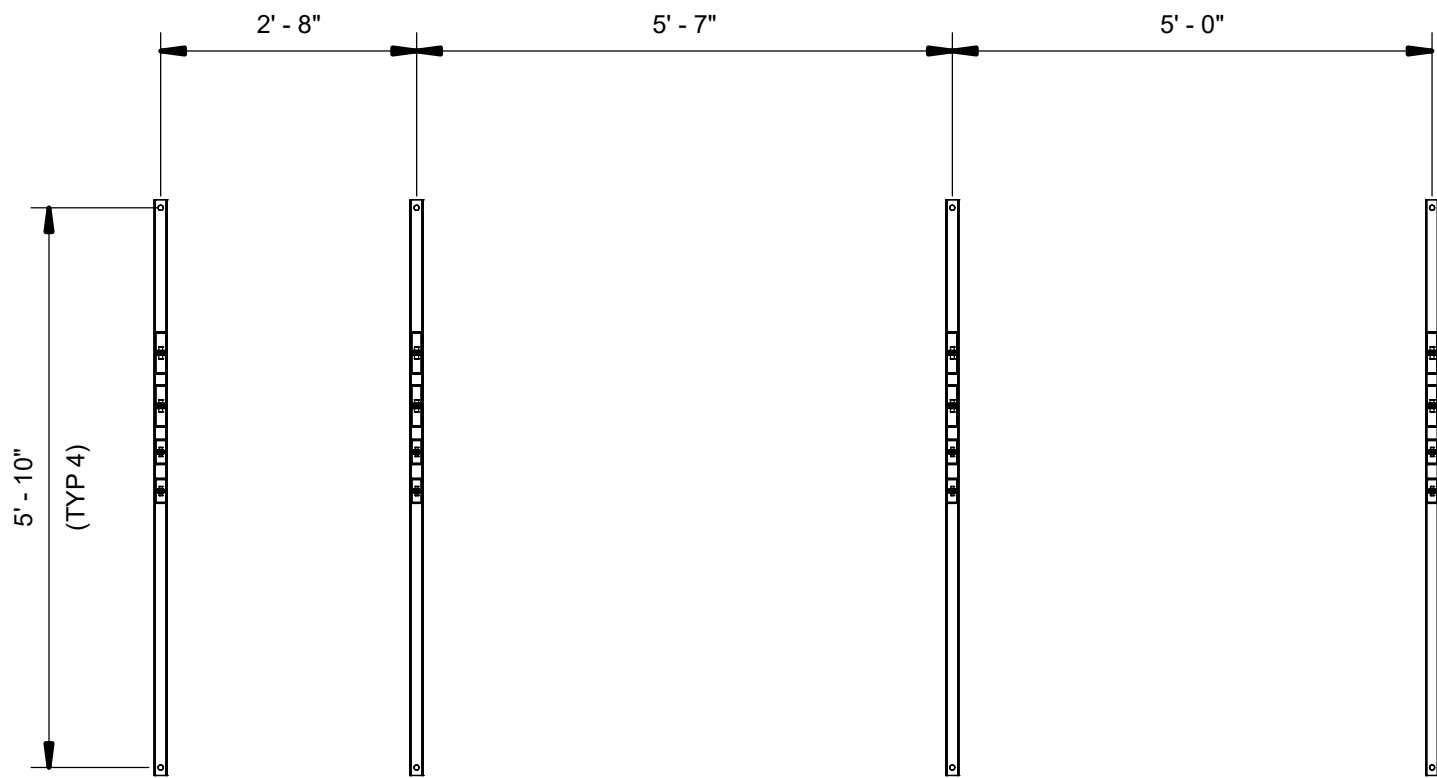


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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
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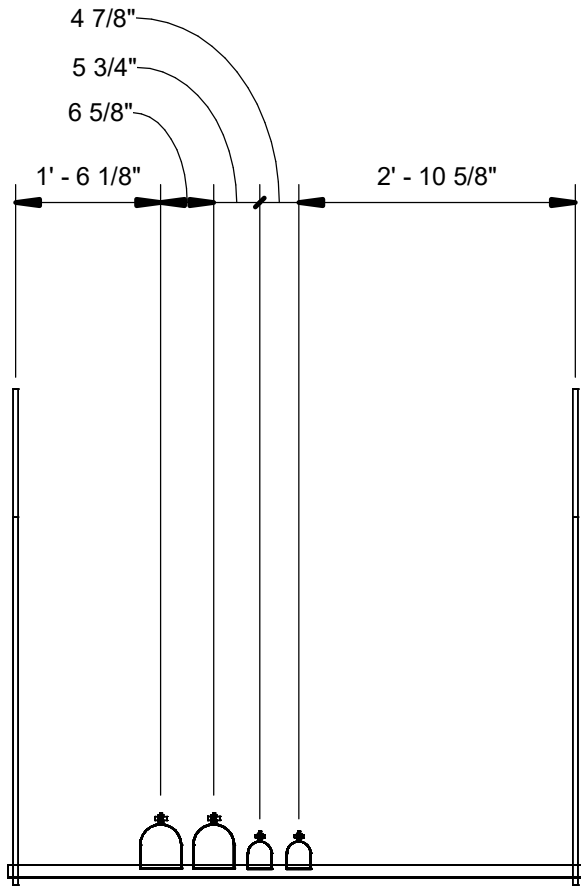
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	8	1.5"	B-Line B2000 ZN Oct 40 Pipe Clamp					
02	8	2.5"	B-Line B2000 ZN Oct 40 Pipe Clamp					
03	2	68"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		6' - 0"	3' - 10"	3' - 10"	
04	2	68"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		6' - 0"	5' - 2"	5' - 2"	
01	8	4 5/8"	B-LINE #2058					
02	8	2 7/8"	B-LINE #2014					



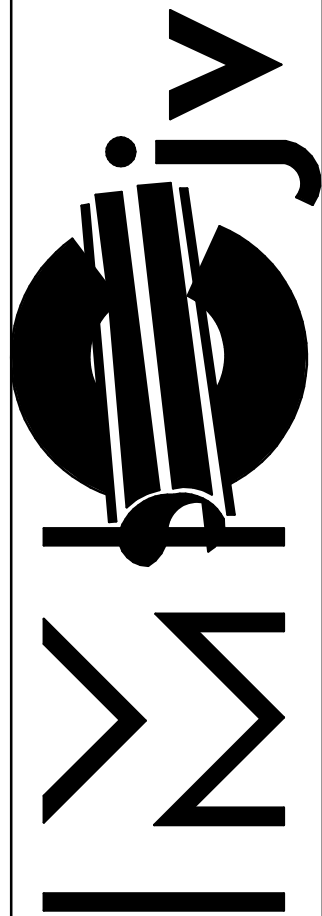
3 FRONT ELEVATION
SCALE: 1/2" = 1'-0"

JOB: WASH U NRB

TICKET: HPHGR-L06-073

Drawn By: Author

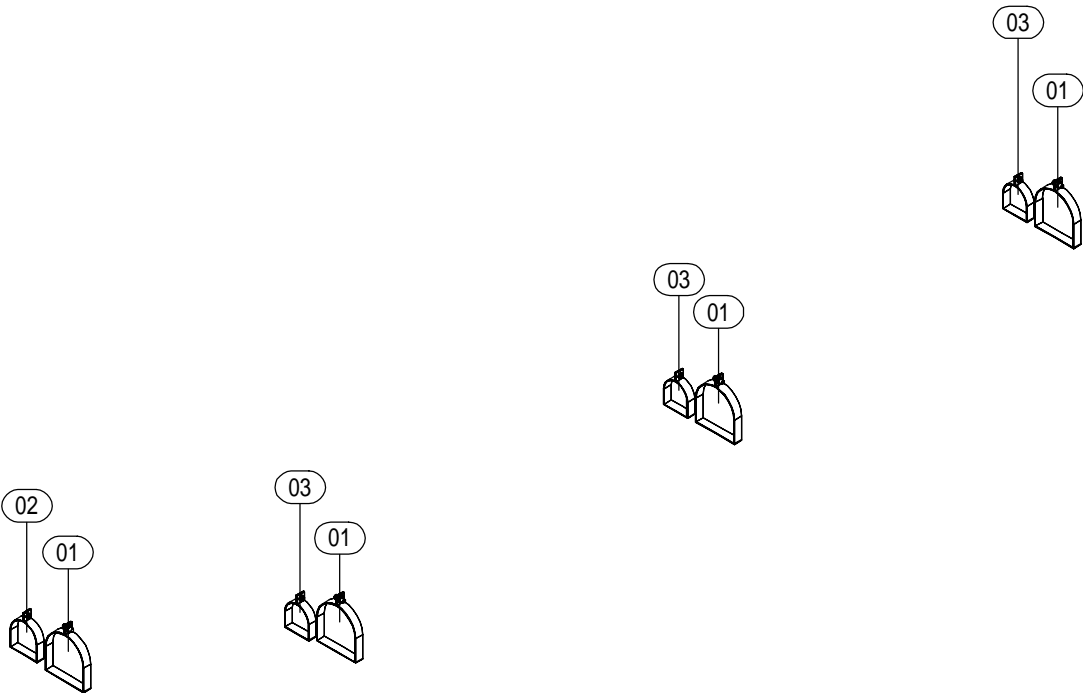
DATE: 10/11/21 DATE REQ:



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BIM 360://WUSM NRB/WUSM_RB_PLF.rvt
28-10-2021 21:02:02

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	6"	B-Line B2000 ZN Coh 40 Pipe Clamp					
02	1	4"	B-Line B2000 ZN Coh 40 Pipe Clamp					
03	3	3.5"	B-Line B2000 ZN Coh 40 Pipe Clamp					
01	4	5 5/8"	B-LINE #2066					
02	1	4 1/8"	B-LINE #2054					
03	3	3 5/8"	B-LINE #2050					



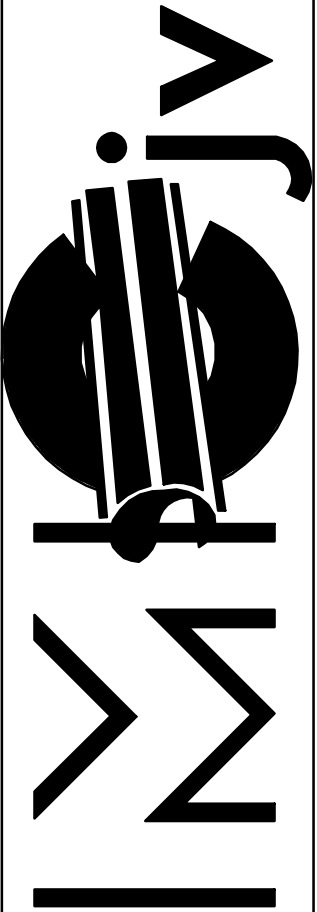
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

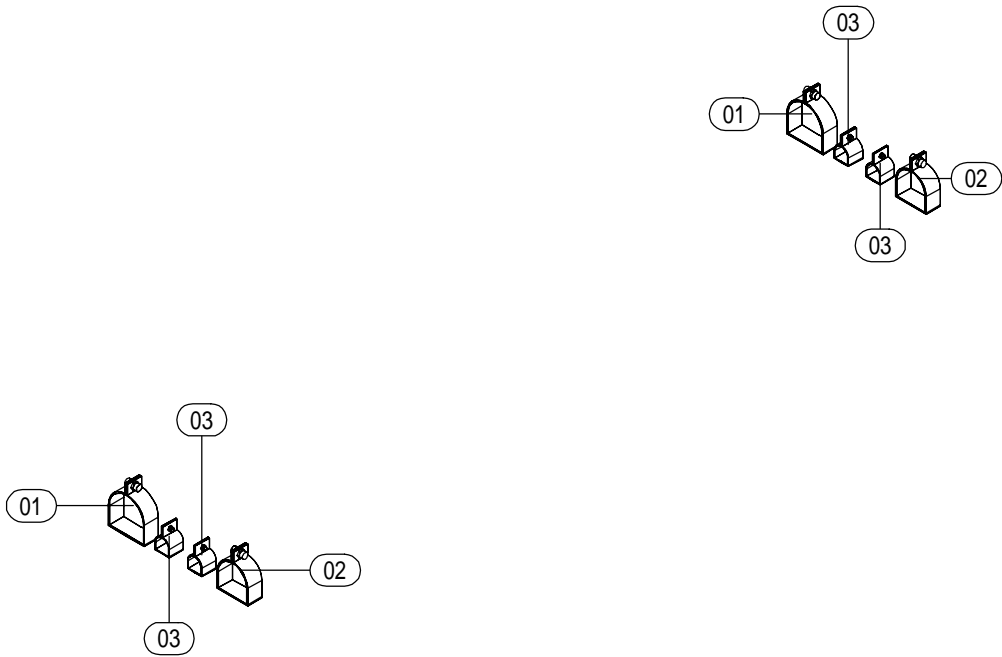
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TICKET:	PPHGR-L06-073
Drawn By: Author	
DATE: 10/28/21	DATE REQ:



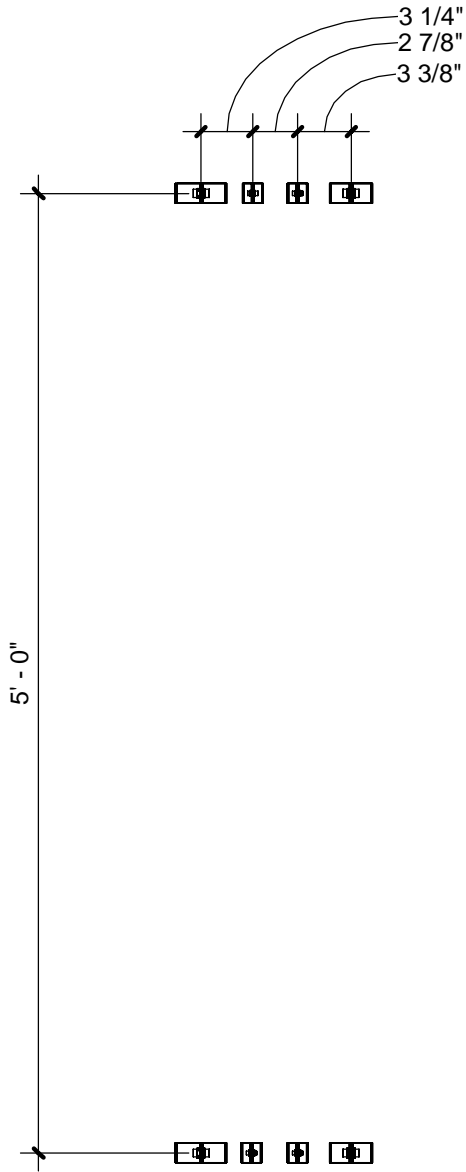
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BIM 360//WUSM NRB\\WUSM_RB_PUF.rvt
28-10-2021 19:57:13

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					
02	2	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
03	4	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					



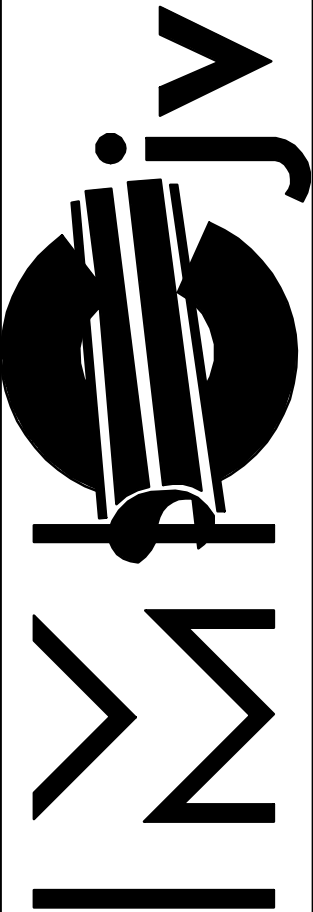
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

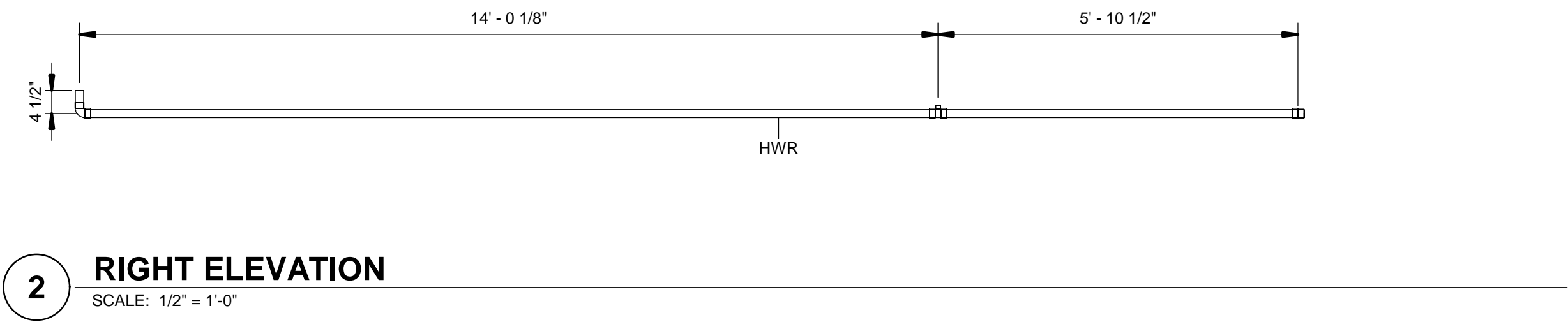
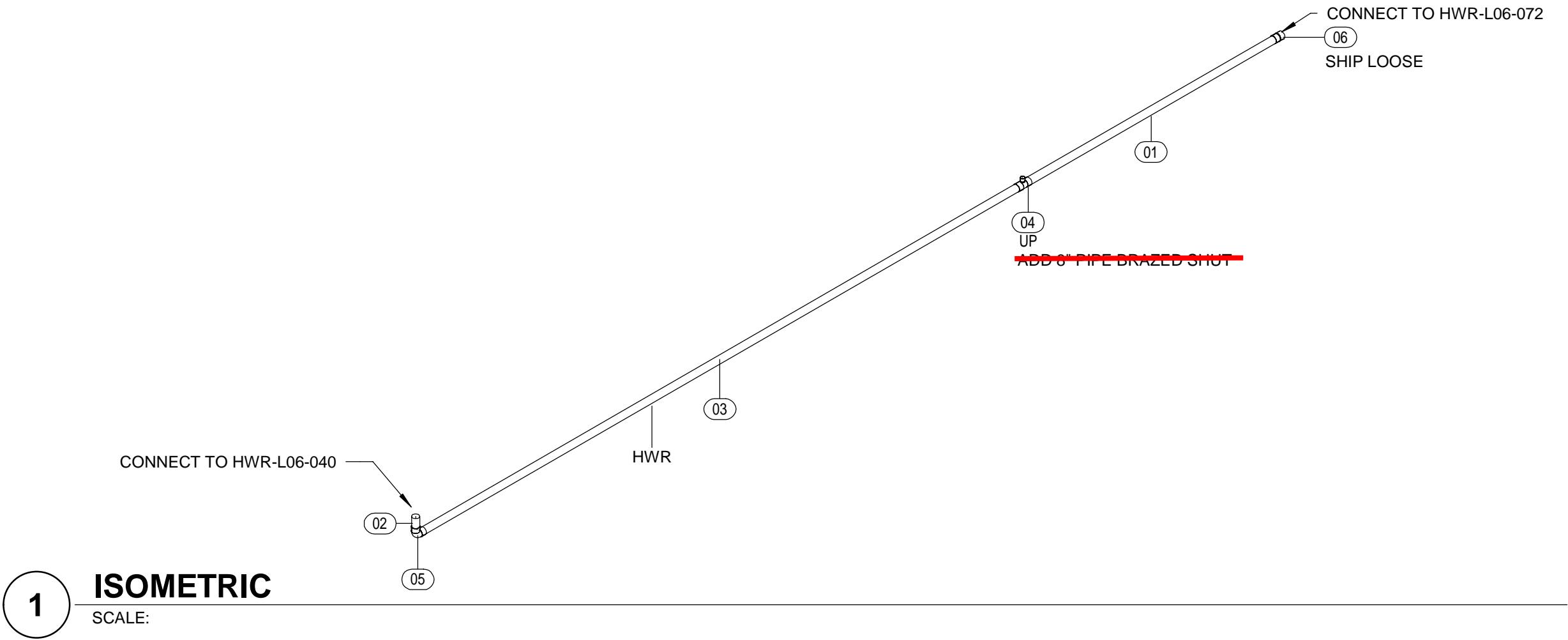
JOB:	WASH U NRB
TICKET:	PUHGR-L06-073
Drawn By: Author	
DATE: 10/28/21	DATE REQ:



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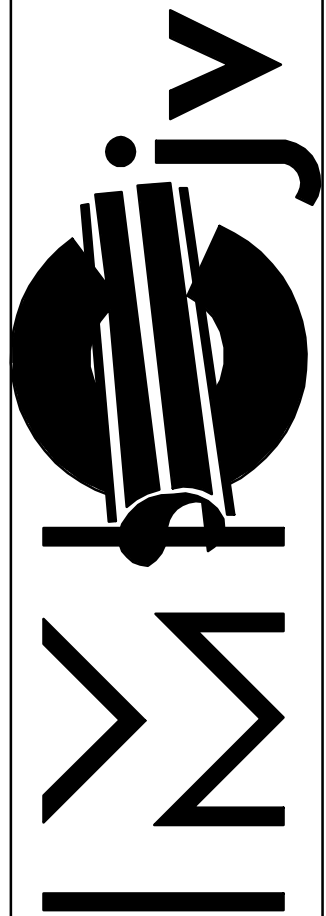
BIM 360://WUSM NRBWUSM_RB_HPF.rvt
21-10-2021 13:53:33

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type K Hard Copper Pipe	5'-9 15/16"				1 1/2"
02	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-3 1/2"				1 1/2"
03	1	1 1/2"	Cerro Type K Hard Copper Pipe	13'-10 9/16"				1 1/2"
04	1	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
05	1	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC					1 1/2"
06	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



A1	A3	B1	B3
A2	A4	B2	B4

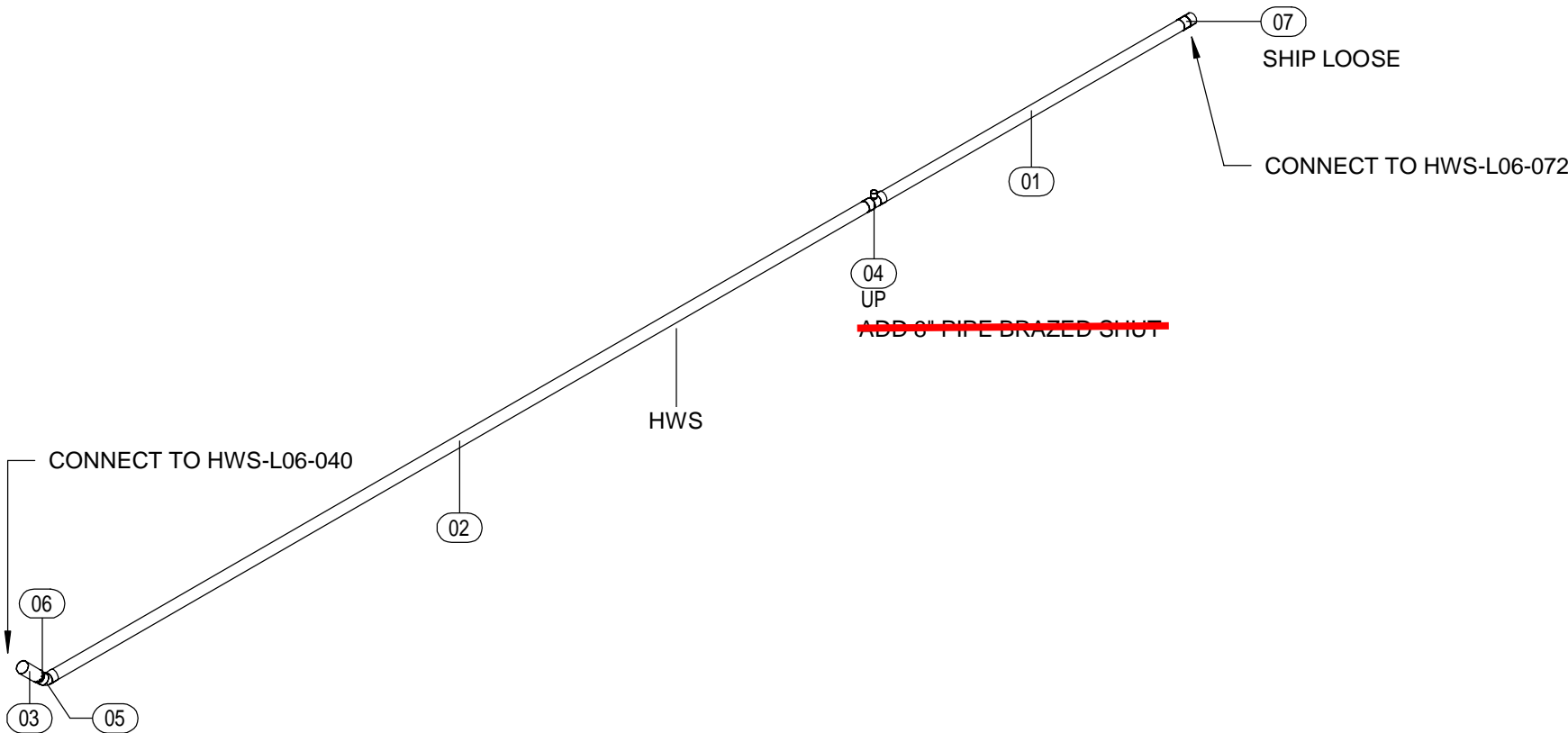
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TICKET:	HWR-L06-073
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



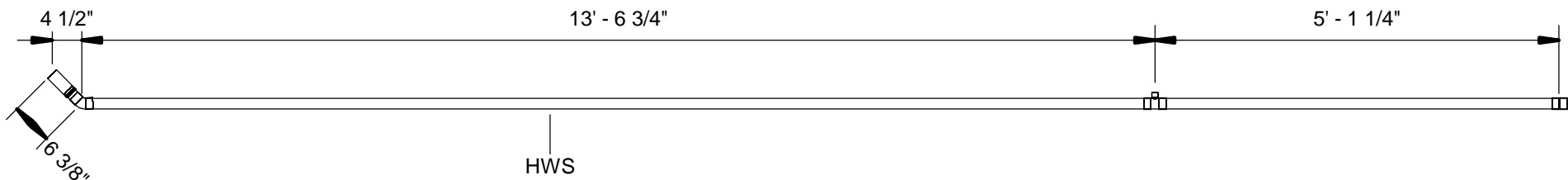
1233 N. Price Rd.
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314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPE.rvt
21-10-2021 22:17:34

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type K Hard Copper Pipe	5'-0 11/16"				1 1/2"
02	1	1 1/2"	Cerro Type K Hard Copper Pipe	13'-5 9/16"				1 1/2"
03	1	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting					1 1/2"
04	1	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
05	1	1 1/2"	Nibco Wrot 606 45 Deg Ell CxC					1 1/2"
06	1	1 1/2"	Nibco Wrot 603-2 Ftg Adapter CxF					1 1/2"
07	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



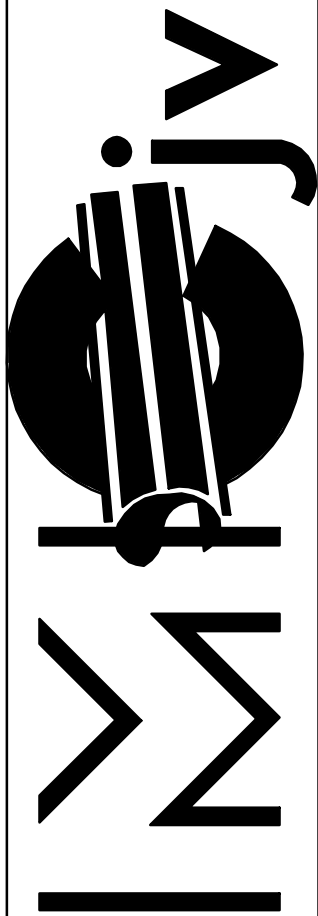
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

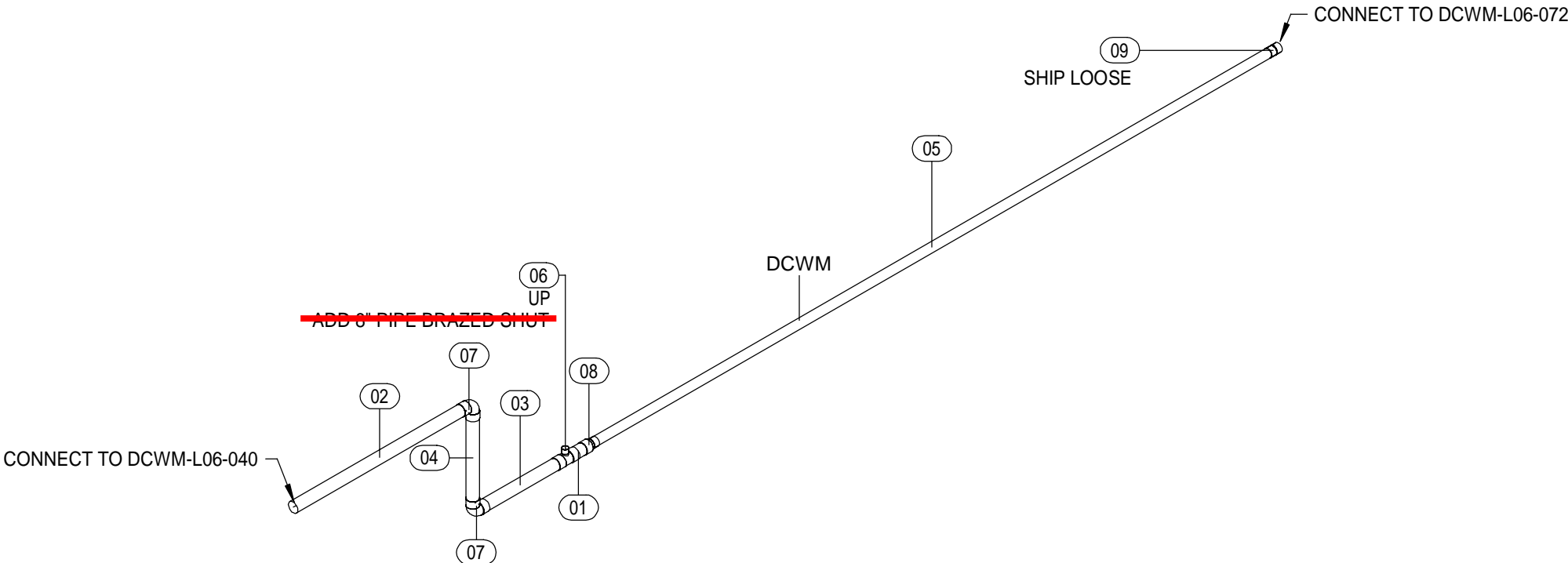
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TICKET:	HWS-L06-073
Drawn By: Author	
DATE: 10/21/21	DATE REQ:



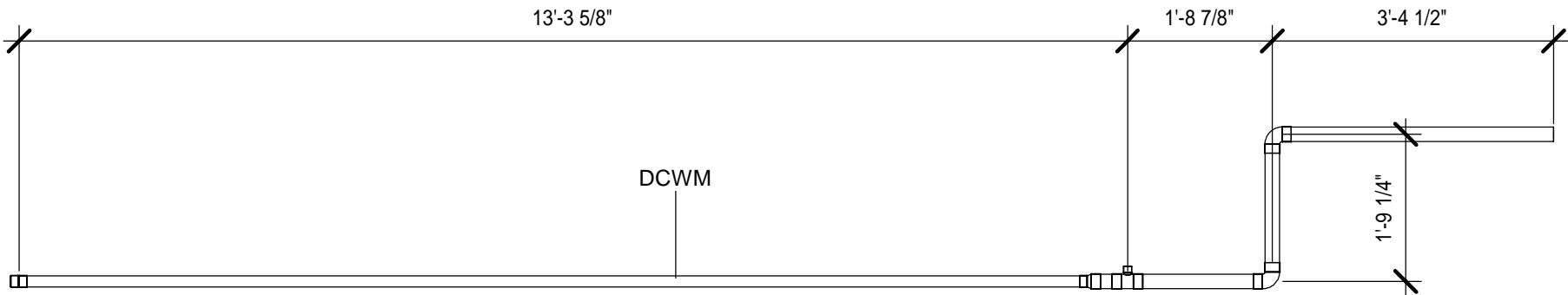
1233 N. Price Rd.
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BIM 360://WUSM NRB/WUSM_RB_PLF.rvt
28-10-2021 21:43:20

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe Pressure Pipe	0'-4 3/8"				1"
02	1	2"	Cerro Type L Hard Copper Pipe Pressure Pipe	3'-3 1/8"				1"
03	1	2"	Cerro Type L Hard Copper Pipe Pressure Pipe	1'-6 9/16"				1"
04	1	2"	Cerro Type L Hard Copper Pipe Pressure Pipe	1'-6 3/8"				1"
05	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	12'-9 3/4"				1"
06	1	2"x1"	Nibco Wrot 611R CxCxC Reducing Tee Pressure Pipe					1"
07	2	2"	Nibco Wrot 607 90 Deg Ell CxC Pressure Pipe					1"
08	1	2"x1 1/2"	Nibco Wrot 600R Red Cplg CxC					1"
09	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



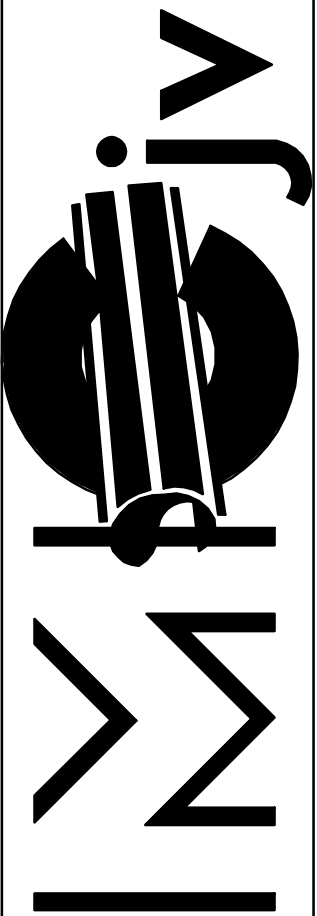
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

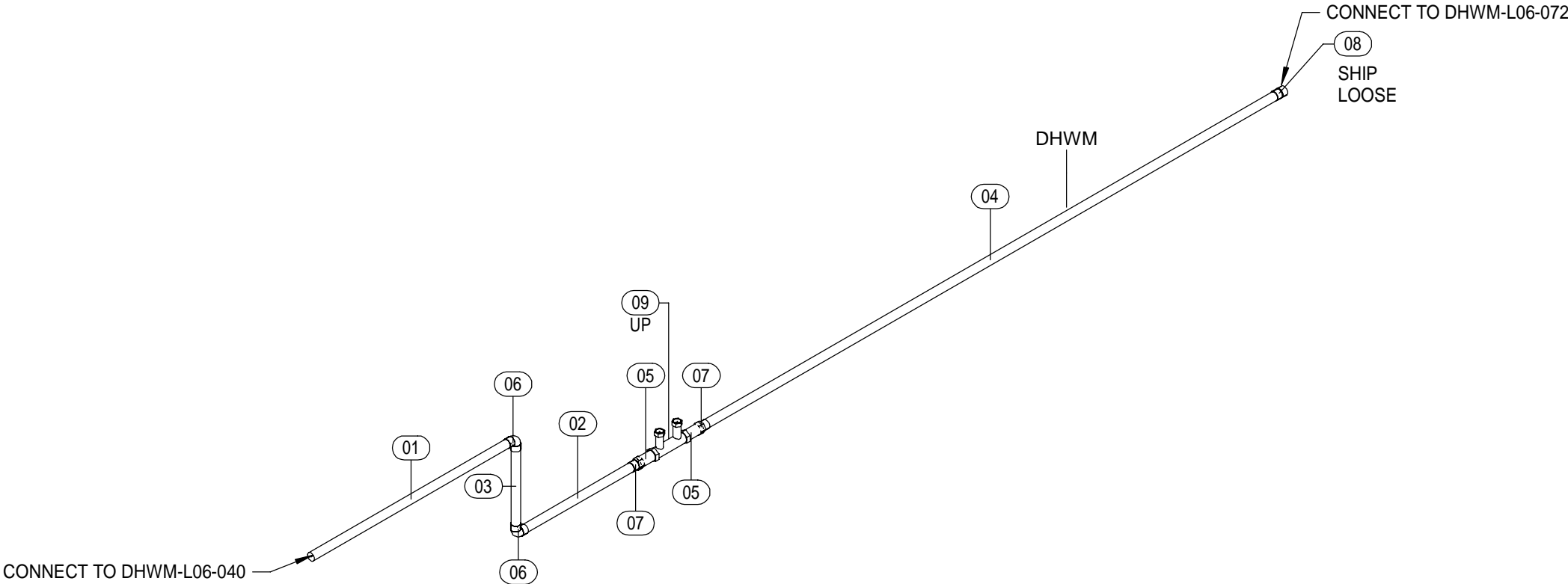
JOB: WASH U NRB	TICKET: DCWM-L06-073	Drawn By: Author	DATE: 10/28/21
DATE REQ:			



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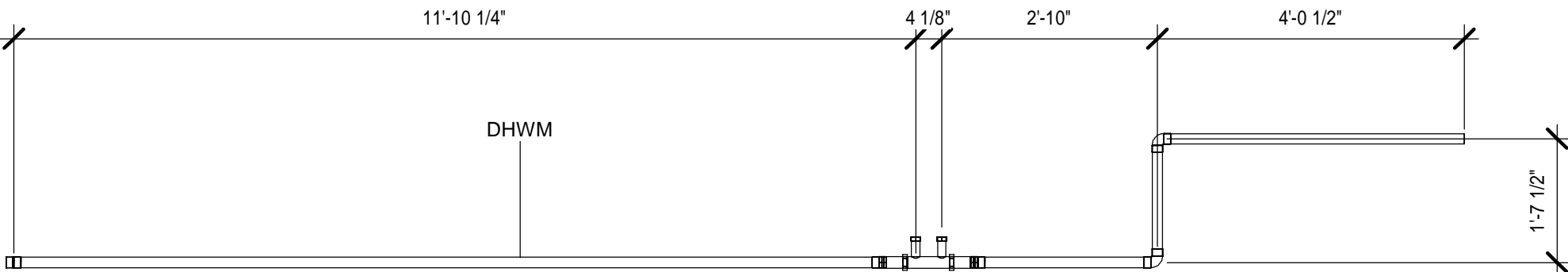
BIM 360://WUSM NRB\\WUSM_RB_PLF.nt
02-11-2021 17:13:35

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 7/16"				2"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	2'-3 1/4"				2"
03	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	1'-5 7/16"				2"
04	1	1 1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	11'-4 1/2"				2"
05	2	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting Pressure Pipe					2"
06	2	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC Pressure Pipe					2"
07	2	1 1/2"	Nibco Wrot 603 Adapter CxF Pressure Pipe					2"
08	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"
09	1	1 1/2"x1"	Kemper Kemper Fig651 20 KHS Flow-Splitter FPT Pressure Pipe					2"



1 ISOMETRIC

SCALE:

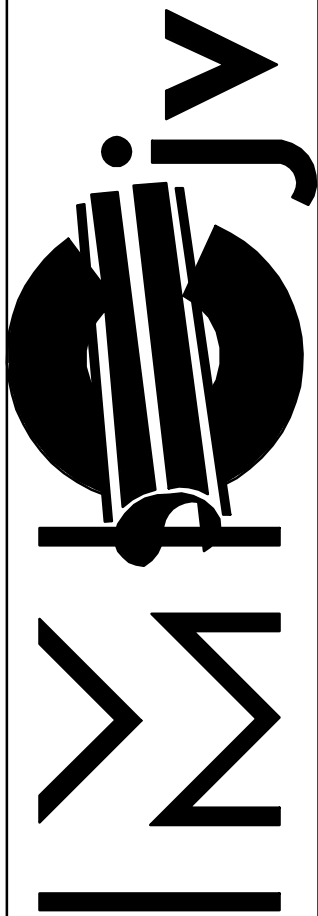


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

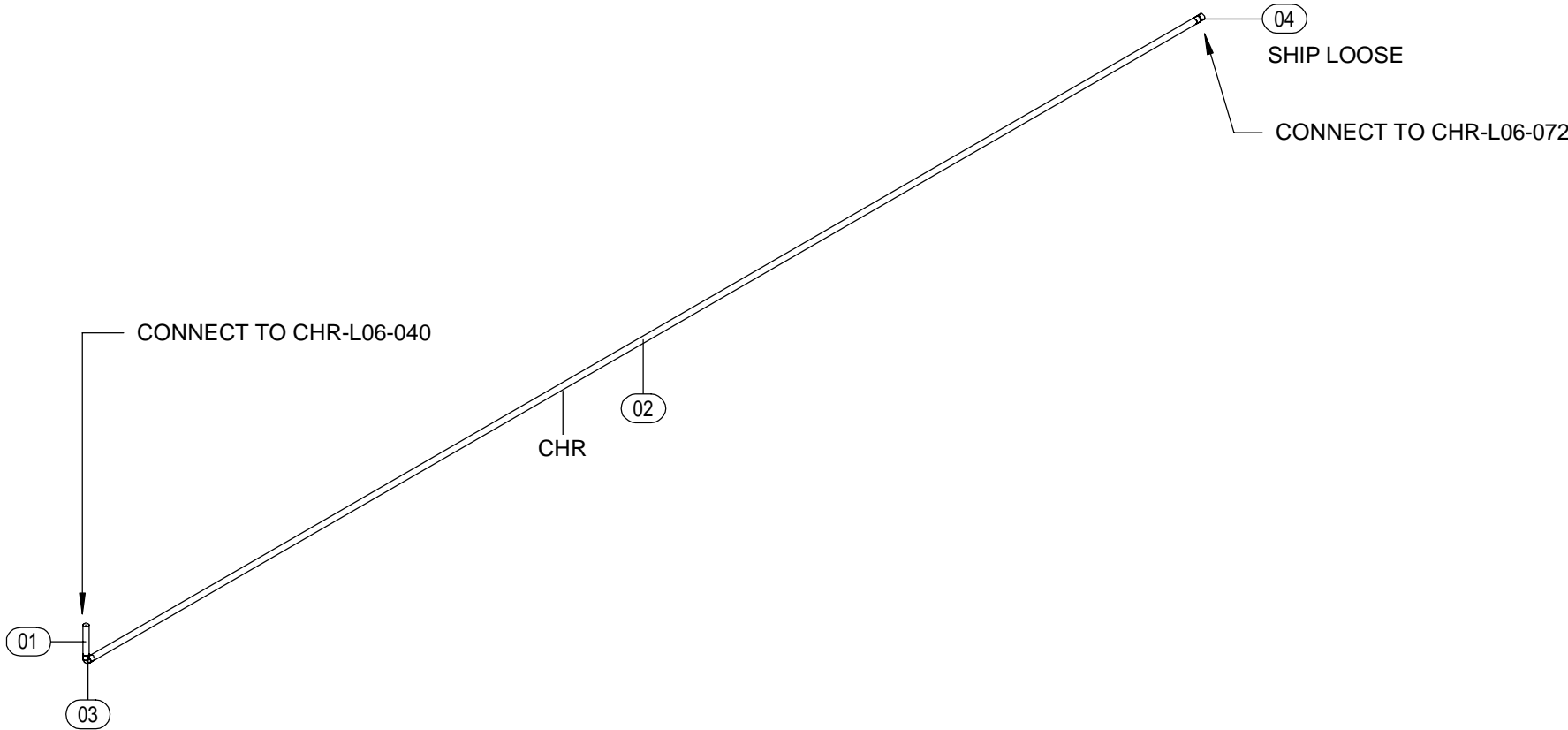
JOB:	WASH U NRB
TICKET:	DHWM-L06-073
Drawn By: Author	
DATE: 11/02/21	DATE REQ:



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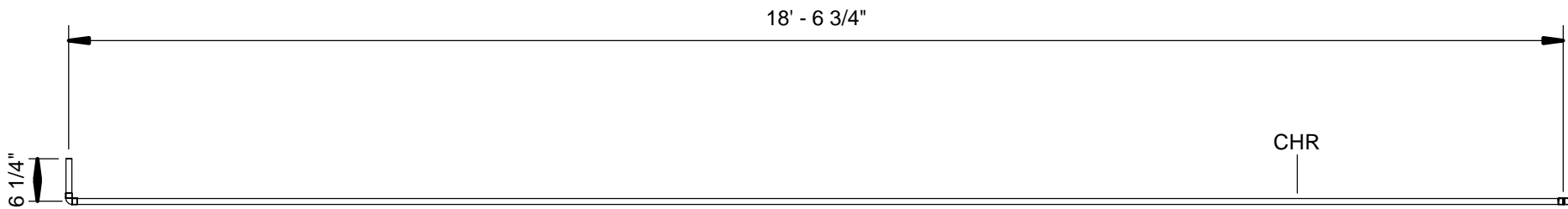
BIM 360//WUSM NRBWUSM_RB_HPF.rvt
21-10-2021 08:38:04

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type K Hard Copper Pipe	0'-5 13/16"				1"
02	1	3/4"	Cerro Type K Hard Copper Pipe	18'-6 3/16"				1"
03	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1 ISOMETRIC

SCALE:



2 LEFT ELEVATION

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

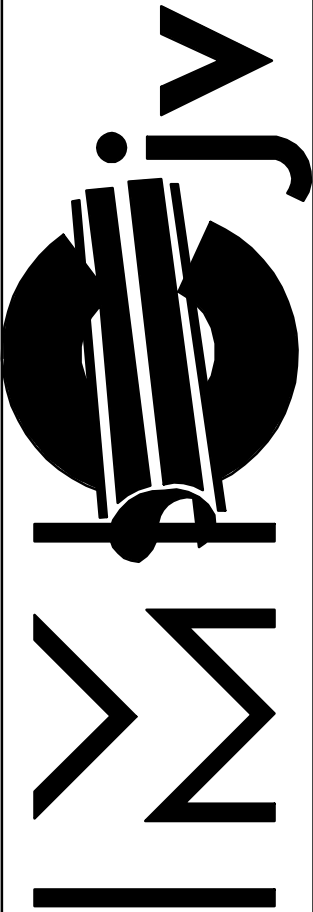
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: CHR-L06-073

Drawn By: Author

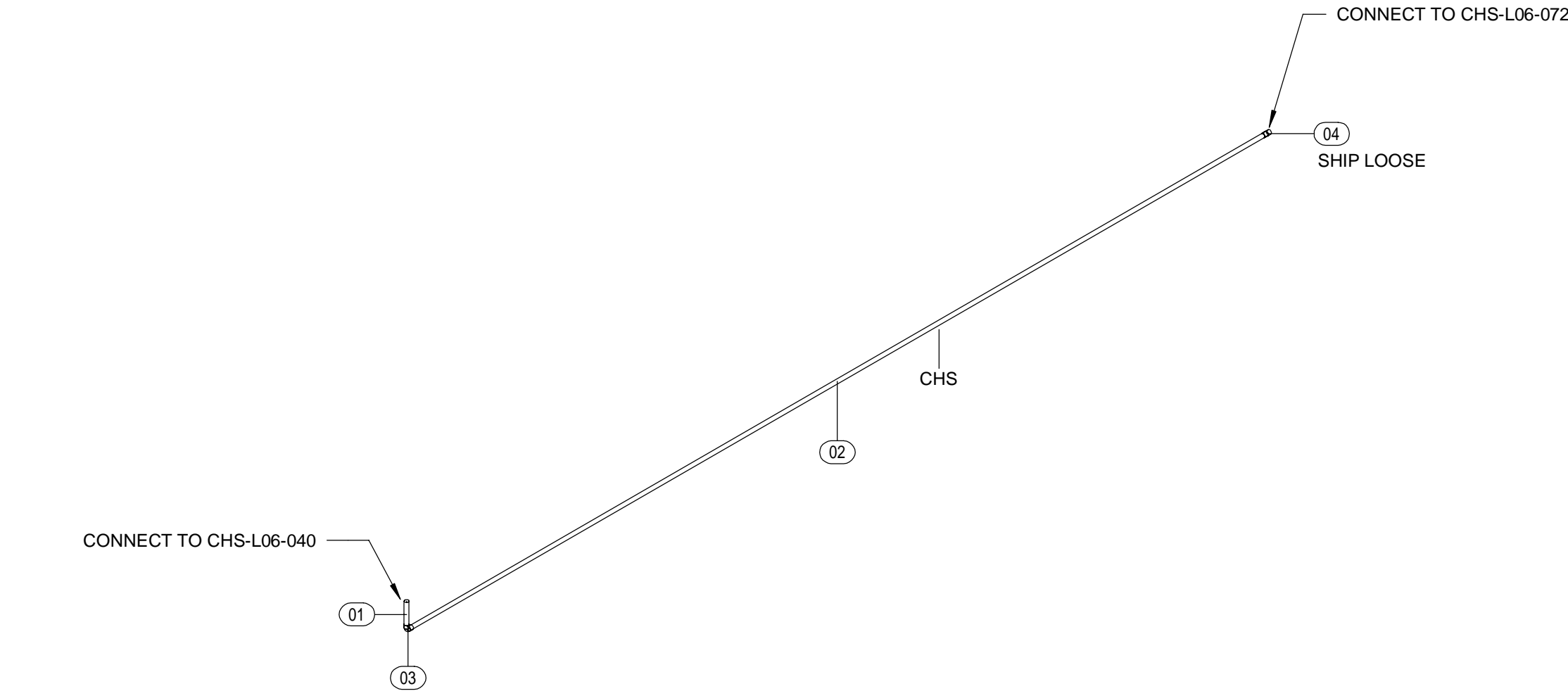
DATE: 10/21/21 DATE REQ:



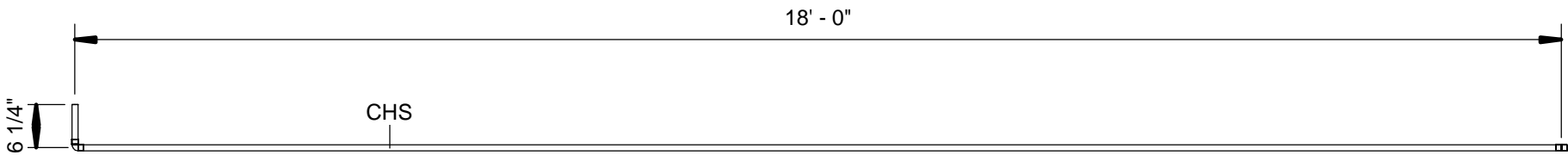
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
21-10-2021 10:42:05

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type K Hard Copper Pipe	0'-5 13/16"				1"
02	1	3/4"	Cerro Type K Hard Copper Pipe	17'-11 1/2"				1"
03	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



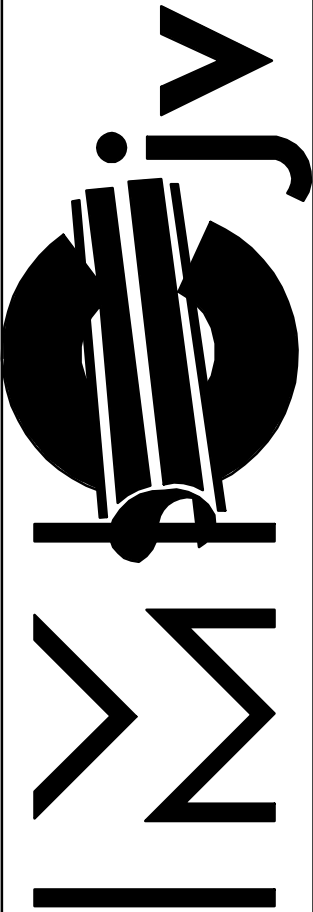
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

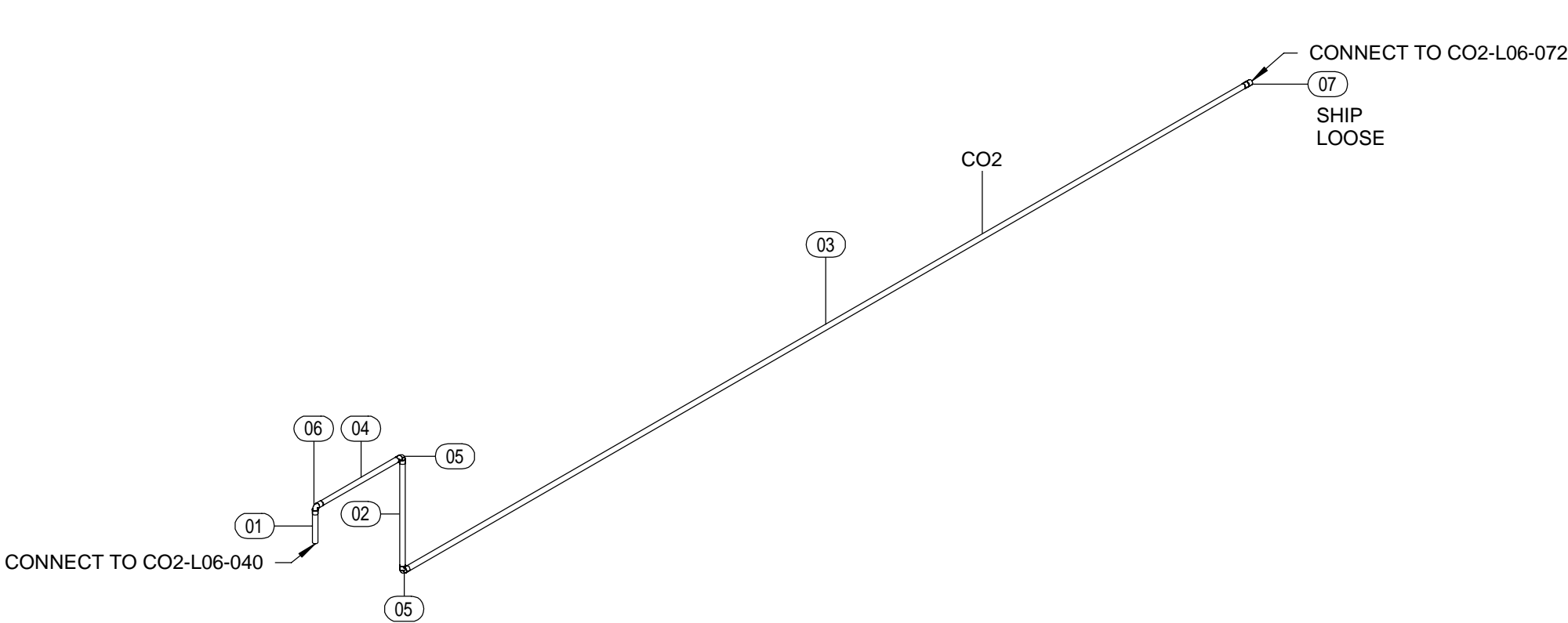
JOB: WASH U NRB
TICKET: CHS-L06-073
Drawn By: Author
DATE: 10/21/21 DATE REQ:



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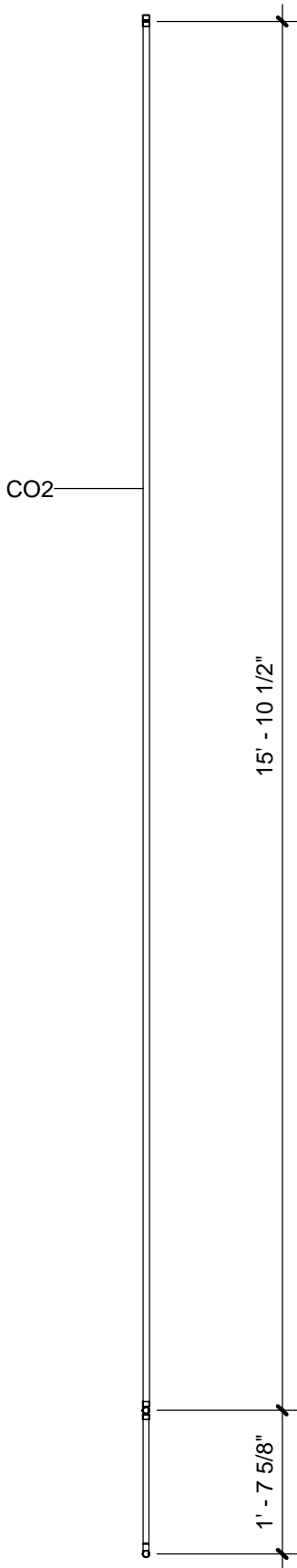
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-6 3/8"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-9 1/2"				
03	1	3/4"	Cerro Type L Hard Copper - CFOS	15'-9 15/16"				
04	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-5 3/4"				
05	2	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
06	1	3/4"	Nibco 607-2-CB CFOS Wrot Copper 90 Elbow Street					
07	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1 ISOMETRIC
SCALE:



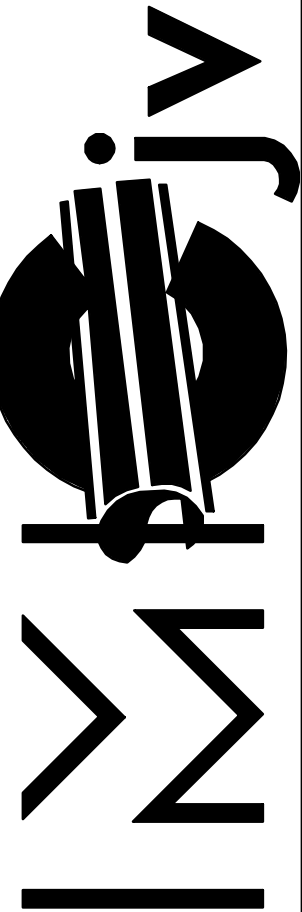
2 RIGHT ELEVATION
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

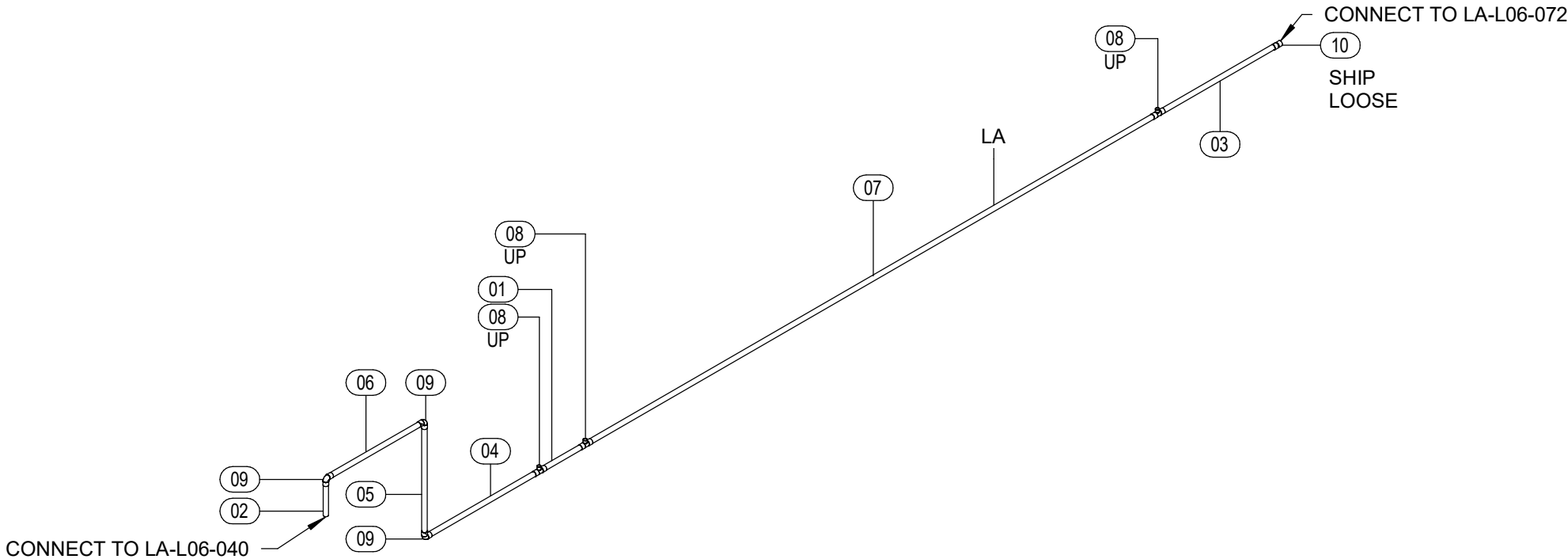
JOB: WASH U NRB
TICKET: CO2-L06-073
Drawn By: Author
DATE: 10/28/21
DATE REQ:



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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
1/19/2022 1:34:58 PM

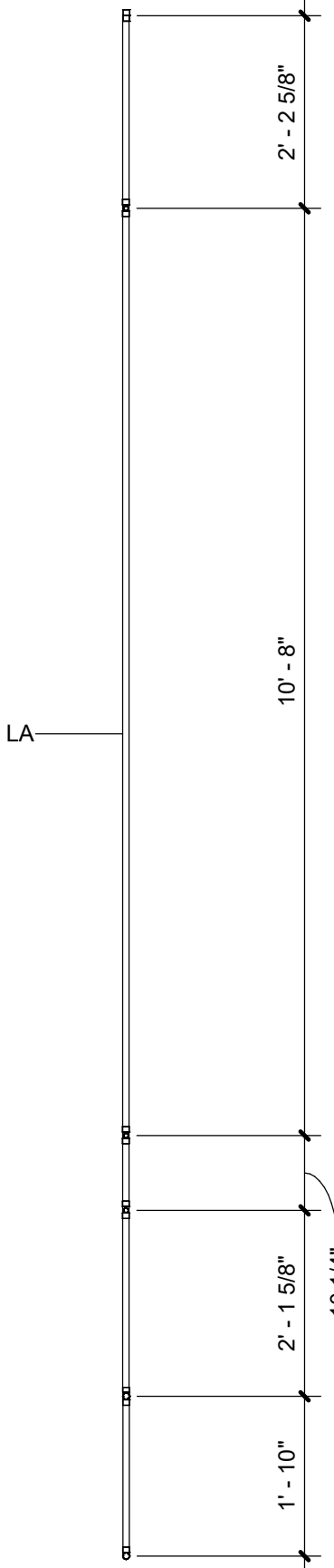
Mark	Qty	Size	Description	Length	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-9 3/8"	
02	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-6 5/8"	
03	1	3/4"	Cerro Type L Hard Copper - CFOS	2'-2"	
04	1	3/4"	Cerro Type L Hard Copper - CFOS	2'-0 3/4"	
05	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-9 1/2"	
06	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-9"	
07	1	3/4"	Cerro Type L Hard Copper - CFOS	10'-7 1/8"	
08	3	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
09	3	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow		
10	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		



1 ISOMETRIC
SCALE:



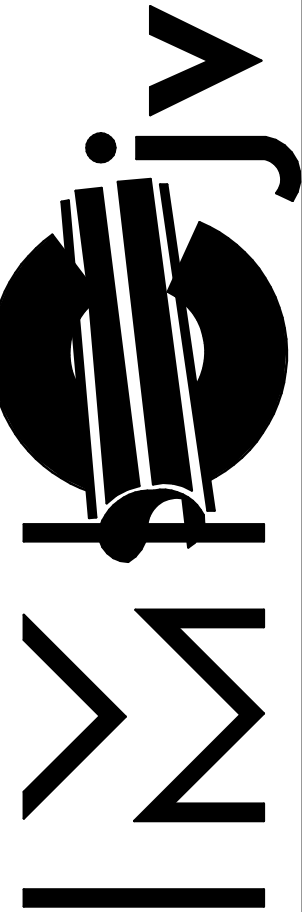
2 RIGHT ELEVATION
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

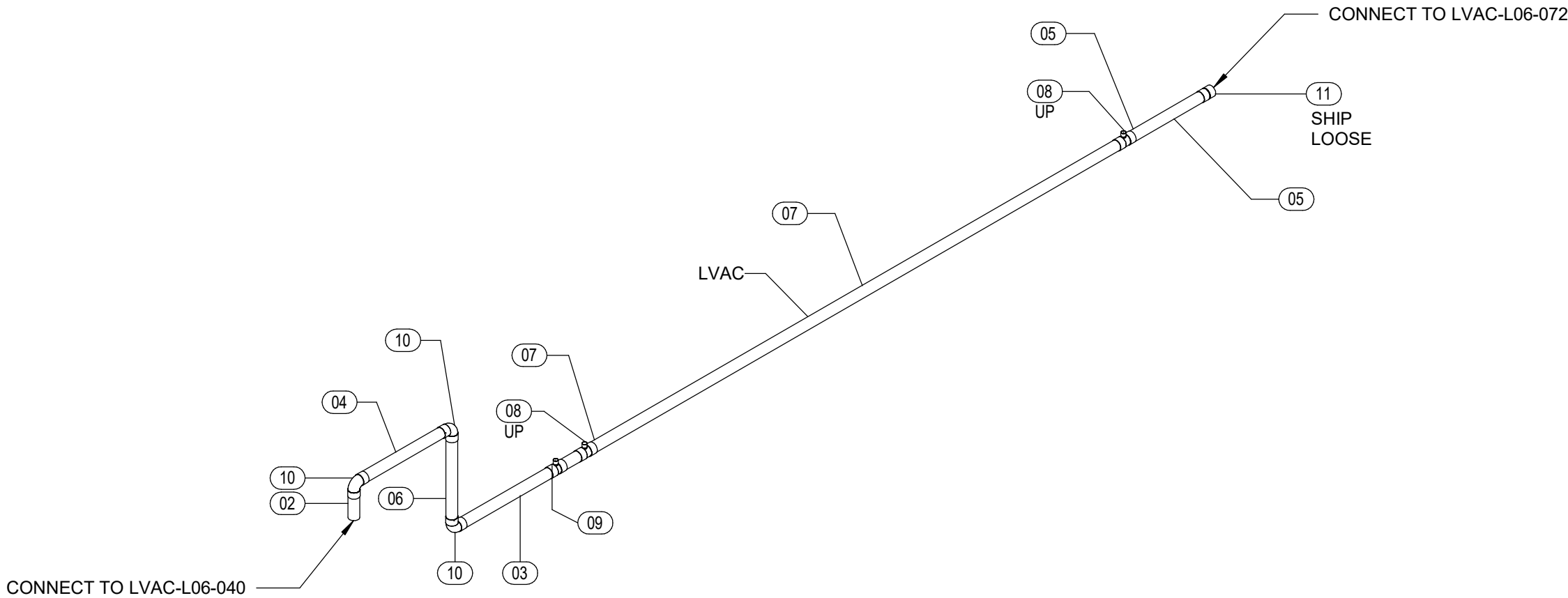
JOB: WASH U NRB
TICKET: LA-L06-073
Drawn By: Author
DATE: 10/28/21
DATE REQ:



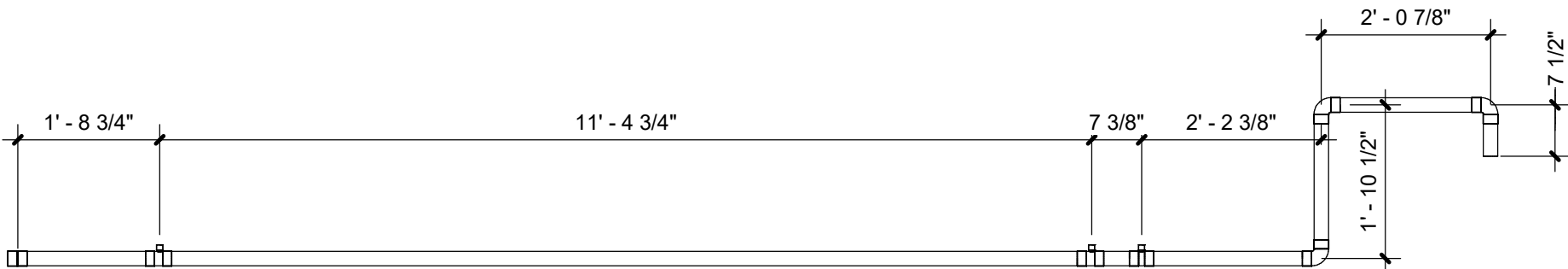
1233 N. Price Rd.
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314-997-6600 phone

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1/19/2022 1:35:00 PM

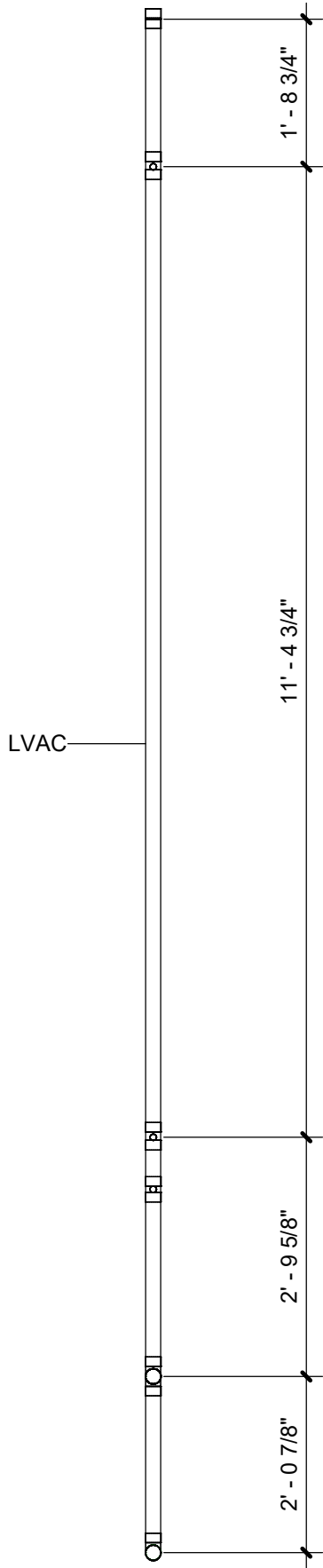
Mark	Qty	Size	Description	Length	Insulation
01	1	2"	Cerro Type L Hard Copper - CFOS	0'-6 1/2"	
02	1	2"	Cerro Type L Hard Copper - CFOS	0'-6 1/8"	
03	1	2"	Cerro Type L Hard Copper - CFOS	2'-0 1/2"	
04	1	2"	Cerro Type L Hard Copper - CFOS	1'-10"	
05	1	2"	Cerro Type L Hard Copper - CFOS	1'-8"	
06	1	2"	Cerro Type L Hard Copper - CFOS	1'-7 5/8"	
07	1	2"	Cerro Type L Hard Copper - CFOS	11'-3 1/2"	
08	2	2"x3/4"x2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
09	1	2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
10	3	2"	Nibco 607-CB CFOS Wrot 90 Elbow		
11	1	2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		



1 ISOMETRIC
SCALE:



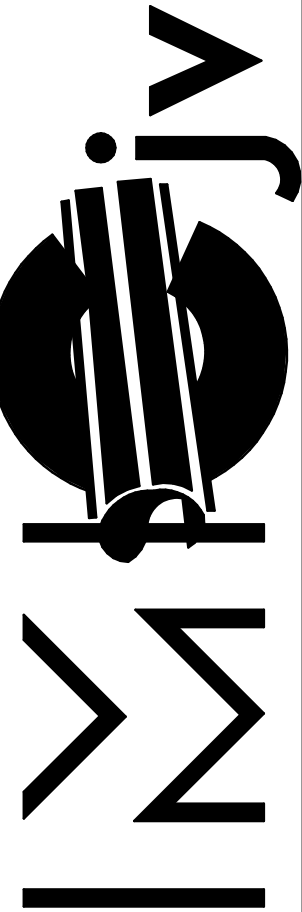
4 FRONT ELEVATION
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

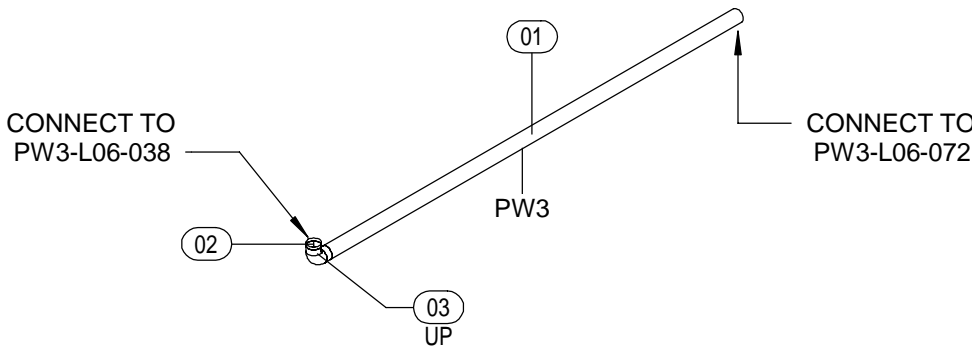
JOB: WASH U NRB	TICKET: LVAC-L06-073	Drawn By: Author	DATE REQ: 10/28/21
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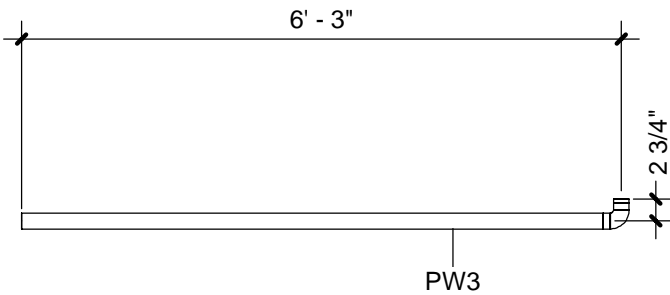
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Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	6'-0 11/16"				
02	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	7/16"				
03	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow					



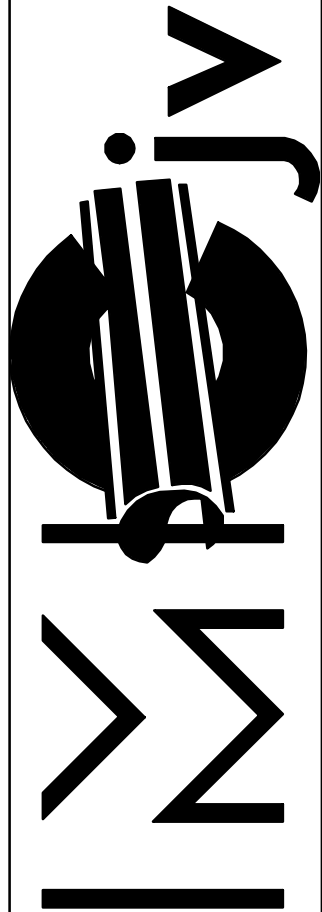
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW3-L06-073
Drawn By: Author	
DATE: 10/28/21	DATE REQ:



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