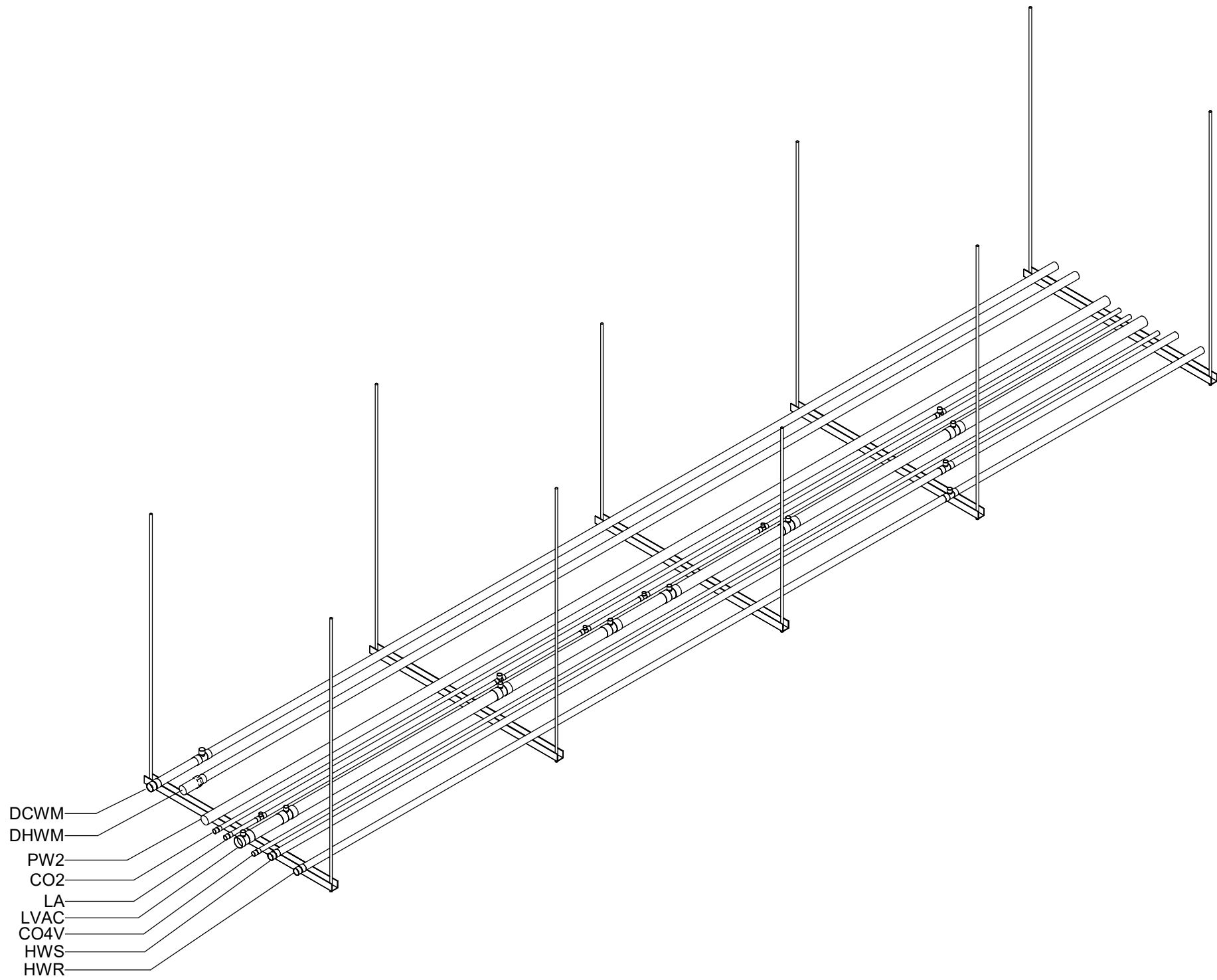
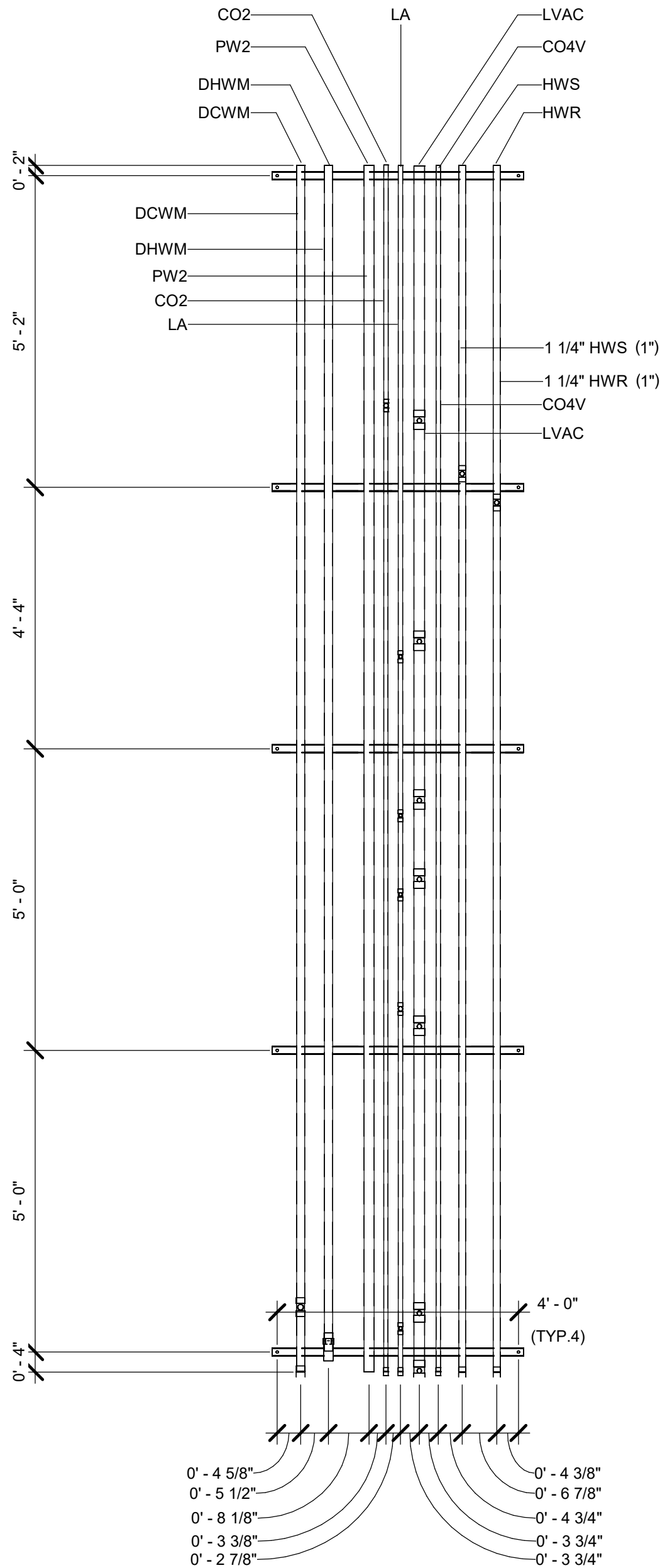


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8/13/2021 12:27:27 PM



2 AS-L03-073 - ISOMETRIC
AS-L03-073 SCALE:



1 AS-L03-073
AS-L03-073 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

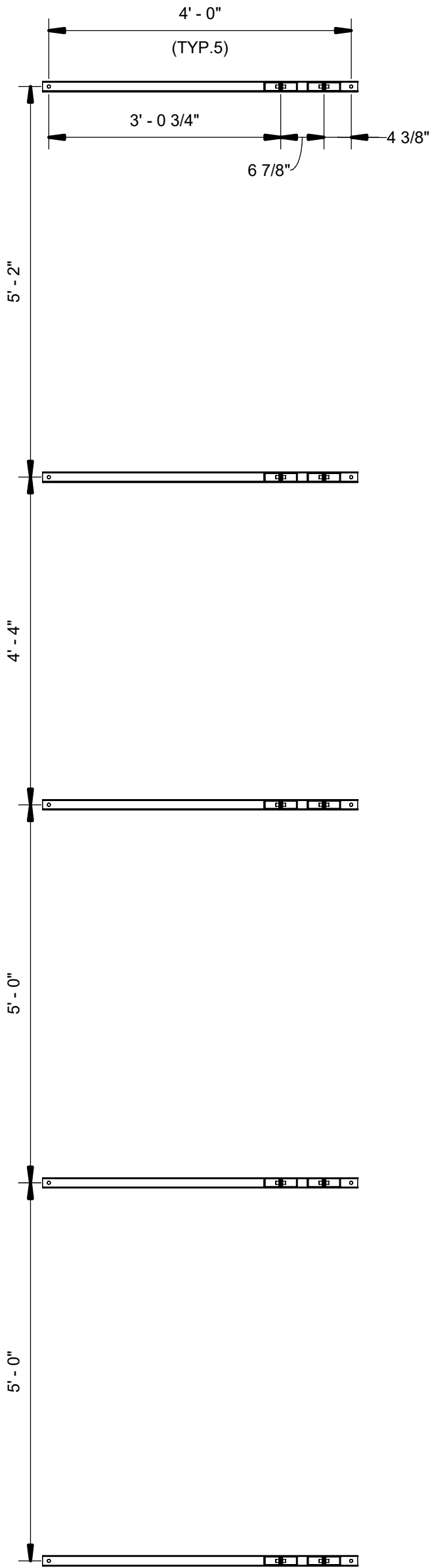
JOB: WASH U NRB
TICKET: AS-L03-073
Drawn By: Author
DATE: 08/09/21
DATE REQ:



1233 N. Price Rd.
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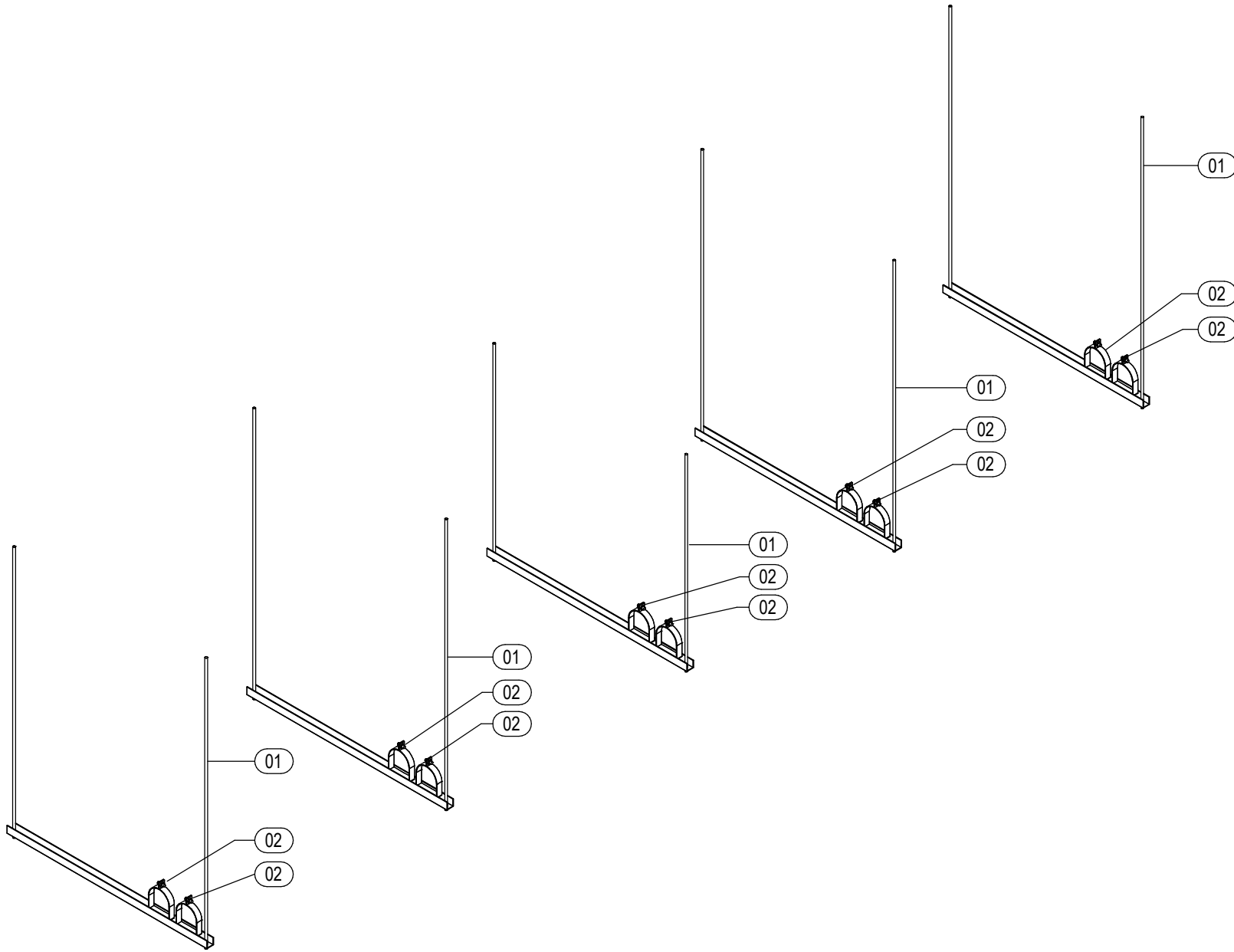
BIM 360//WUSM NRBWUSM_RB_HPF.rvt
8/23/2021 2:33:00 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	5	46"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut					
02	10	4.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
02	10	3 3/8"	B-LINE #2048					



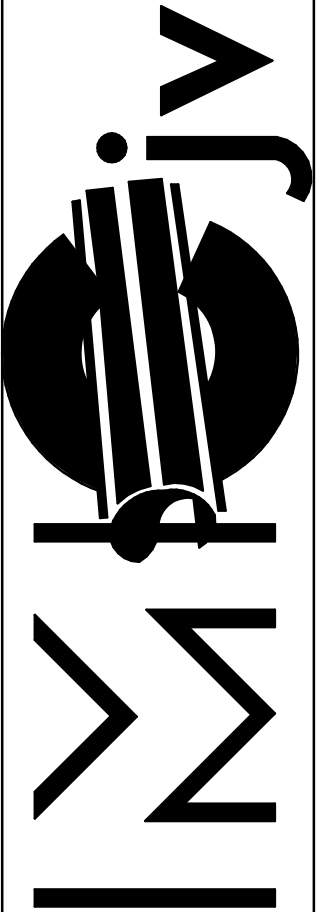
2 TOP VIEW
SCALE: 1 : 20

1 ISOMETRIC
SCALE:



A1	A3	B1	B3
A2	A4	B2	B4

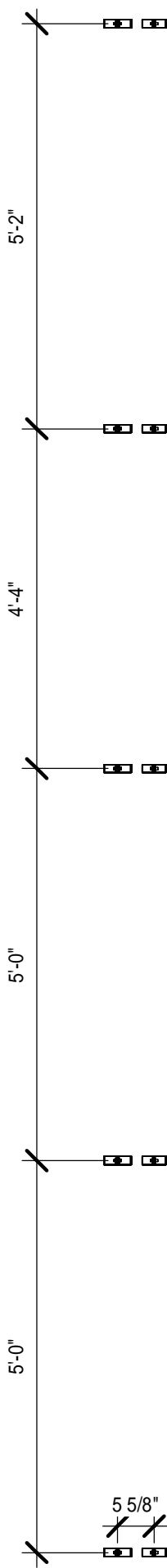
JOB:	WASH U NRB
TICKET:	HPHGR-L03-073
Drawn By: Author	
DATE: 08/11/21	DATE REQ:



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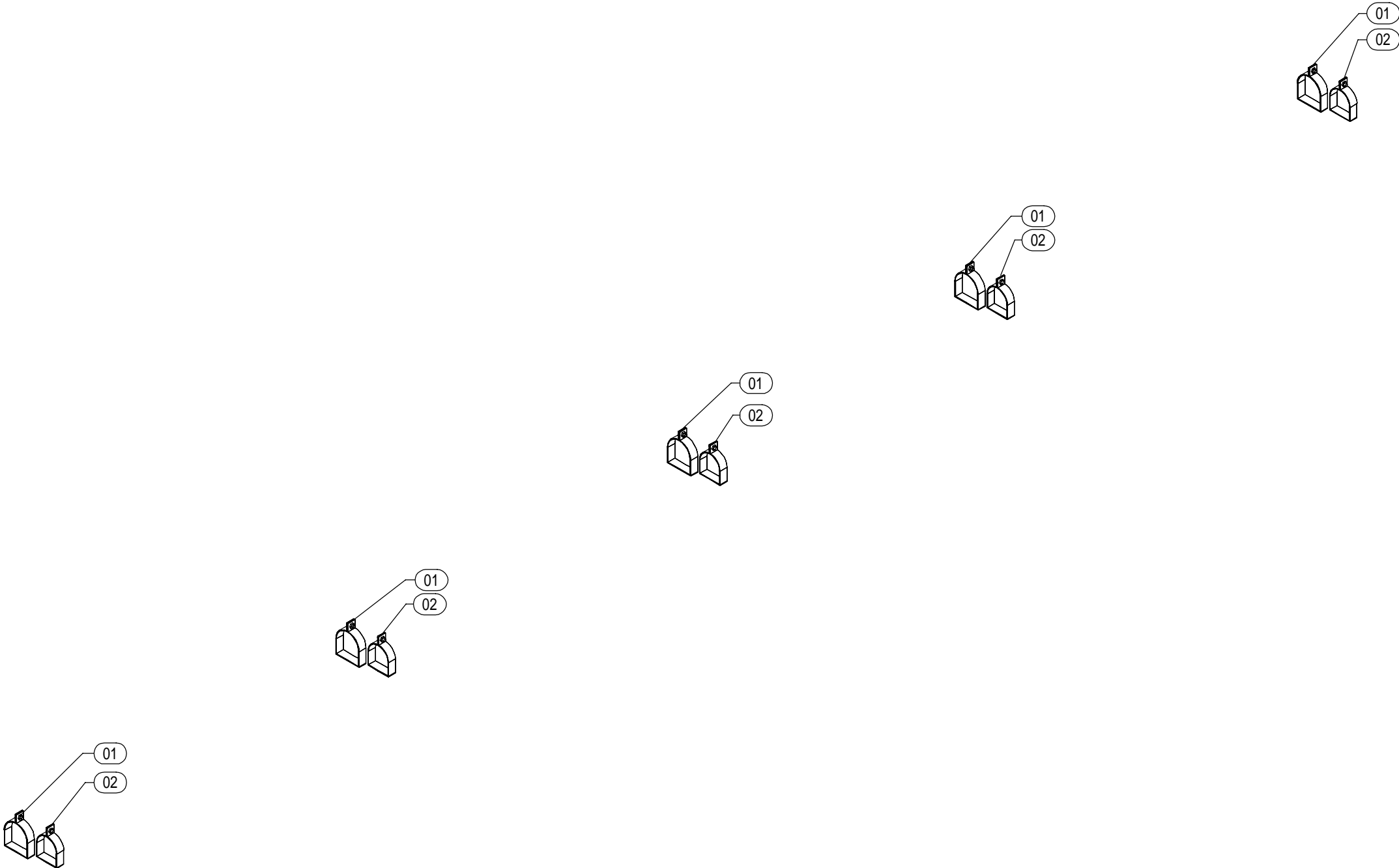
BIM 360://WUSM NRB/WUSM_RB_PLF.rvt
20-08-2021 10:32:55

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



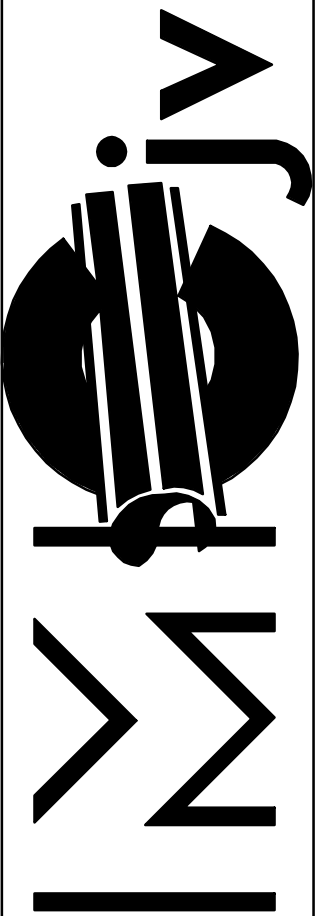
1 ISOMETRIC
SCALE:

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



A1	A3	B1	B3
A2	A4	B2	B4

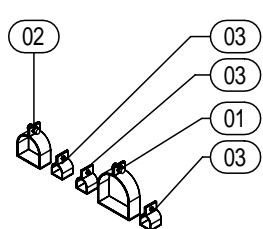
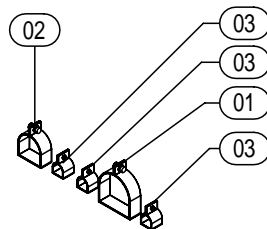
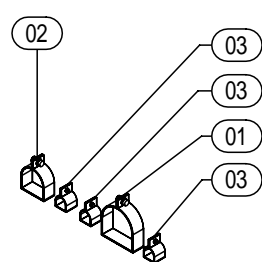
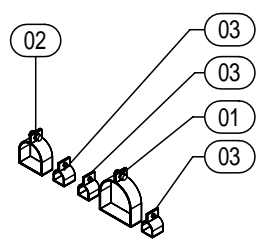
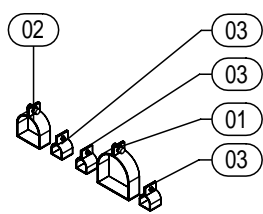
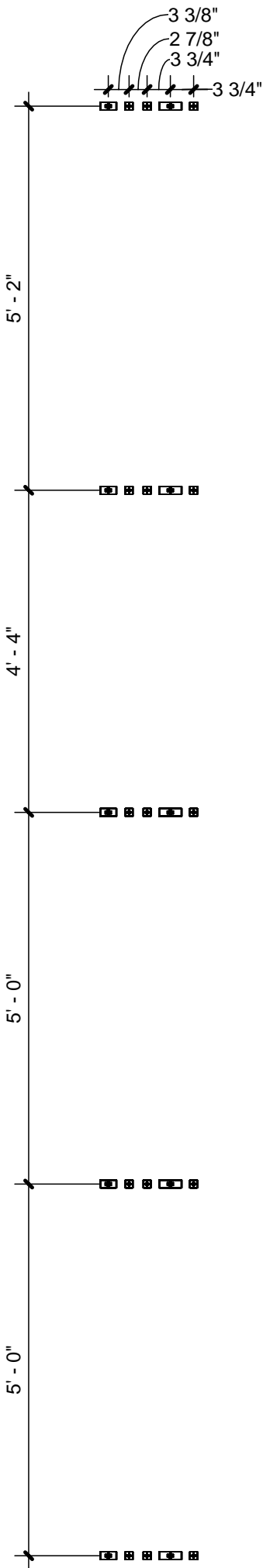
JOB:	WASH U NRB
TICKET:	PPHGR-L03-073
Drawn By: Author	
DATE: 08/20/21	DATE REQ:



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16-08-2021 17:59:45

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	5	3"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
02	5	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
03	15	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					

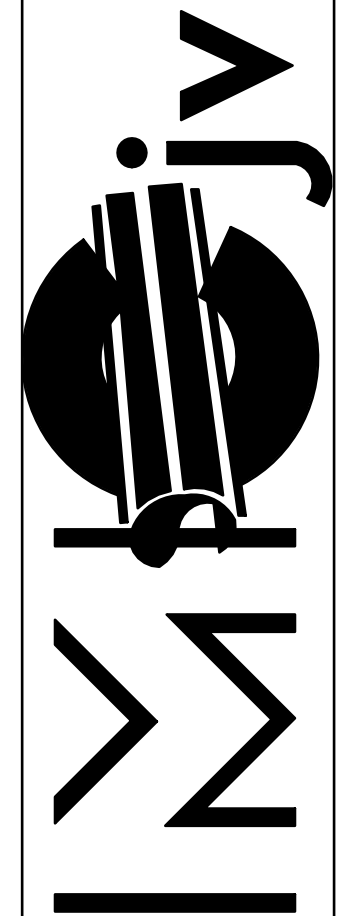


1 ISOMETRIC
SCALE:

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

A1	A3	B1	B3
A2	A4	B2	B4

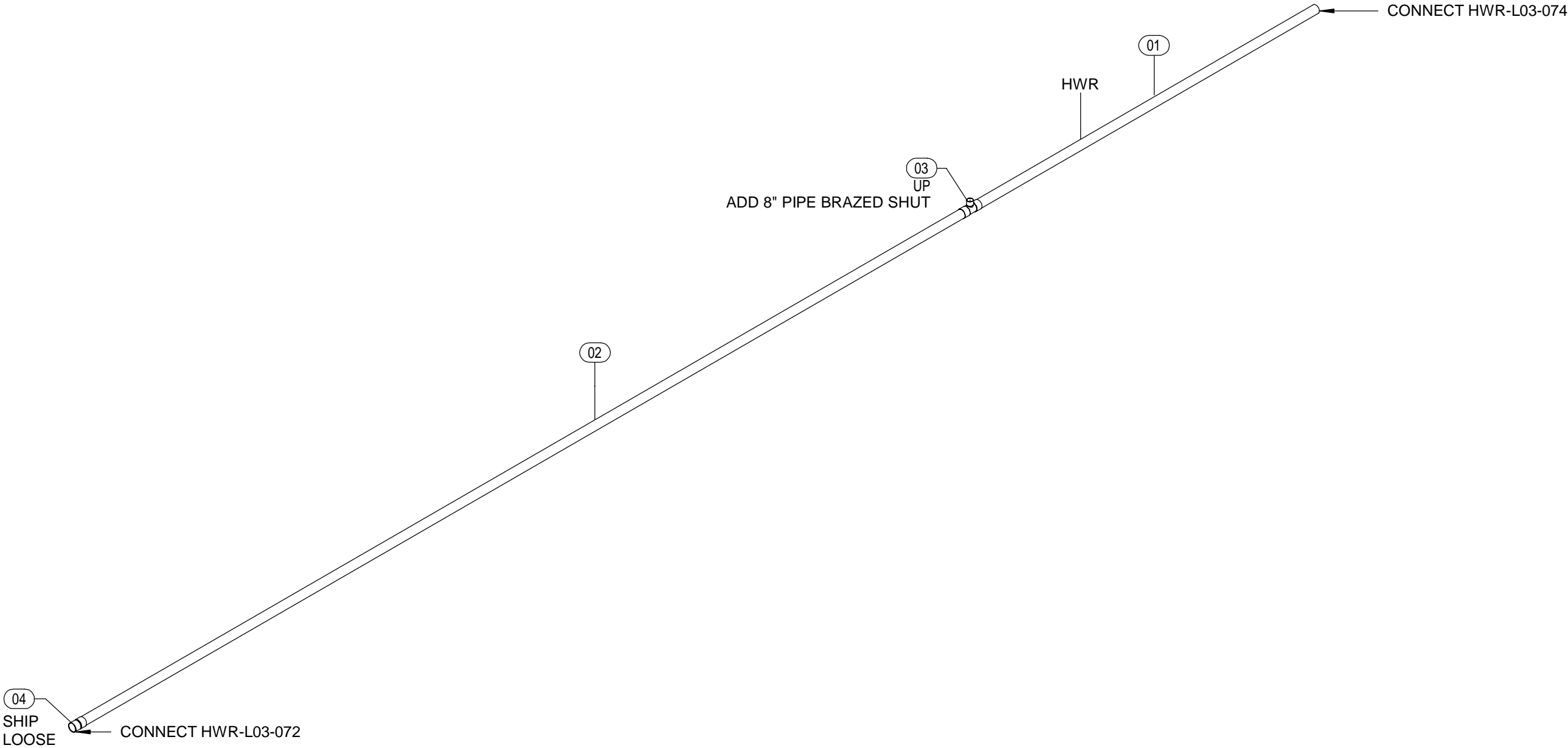
JOB:	WASH U NRB
TICKET:	PUHGR-L03-073
Drawn By: Author	
DATE: 08/17/21	DATE REQ:



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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
05-08-2021 14:55:08

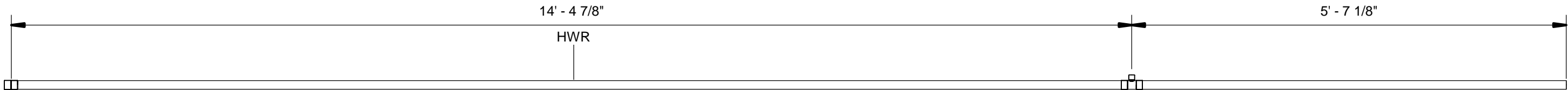
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/4"	Cerro Type K Hard Copper Pipe	5'-6 7/16"				1"
02	1	1 1/4"	Cerro Type K Hard Copper Pipe	14'-4 1/4"				1"
03	1	1 1/4"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
04	1	1 1/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1

ISOMETRIC

SCALE:



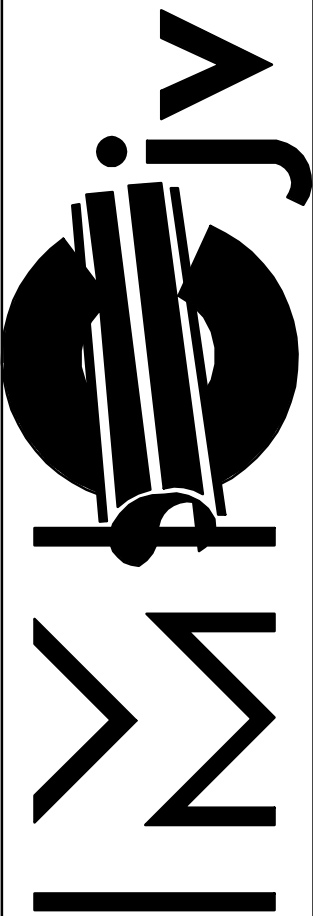
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RIGHT ELEVATION

SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

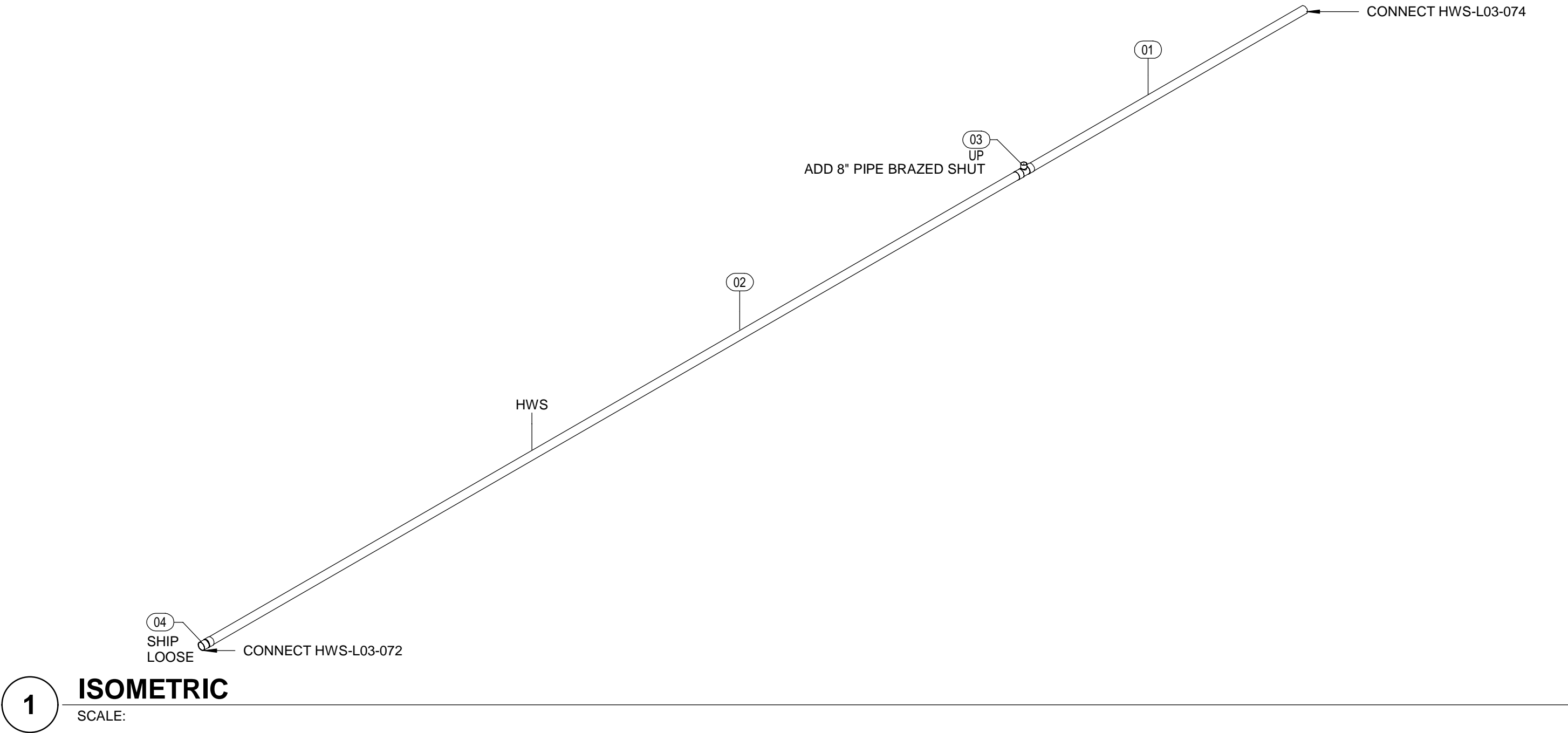
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TICKET:	HWR-L03-073
Drawn By: Author	
DATE: 08/05/21	DATE REQ:



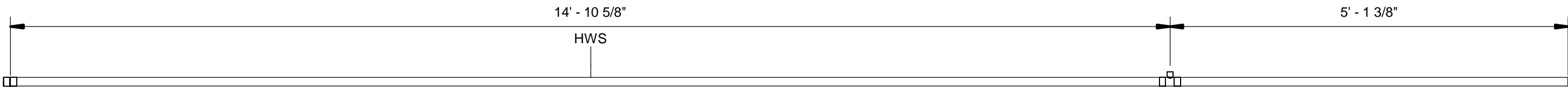
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St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
05-08-2021 14:57:21

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/4"	Cerro Type K Hard Copper Pipe	5'-0 11/16"				1"
02	1	1 1/4"	Cerro Type K Hard Copper Pipe	14'-10"				1"
03	1	1 1/4"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
04	1	1 1/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



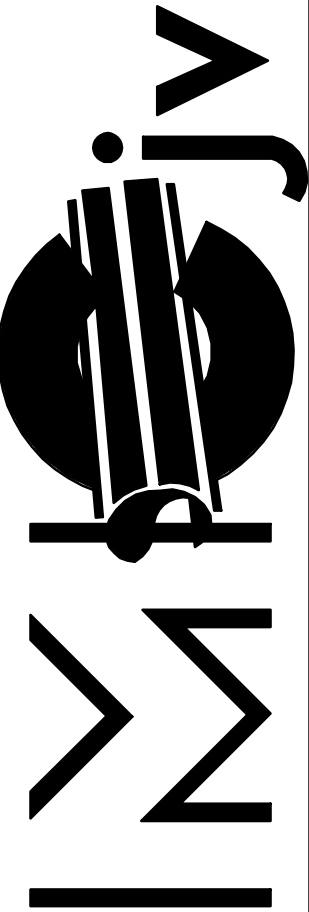
1 ISOMETRIC
SCALE:



2 RIGHT ELEVATION
SCALE: 3/4\"/>

A1	A3	B1	B3
A2	A4	B2	B4

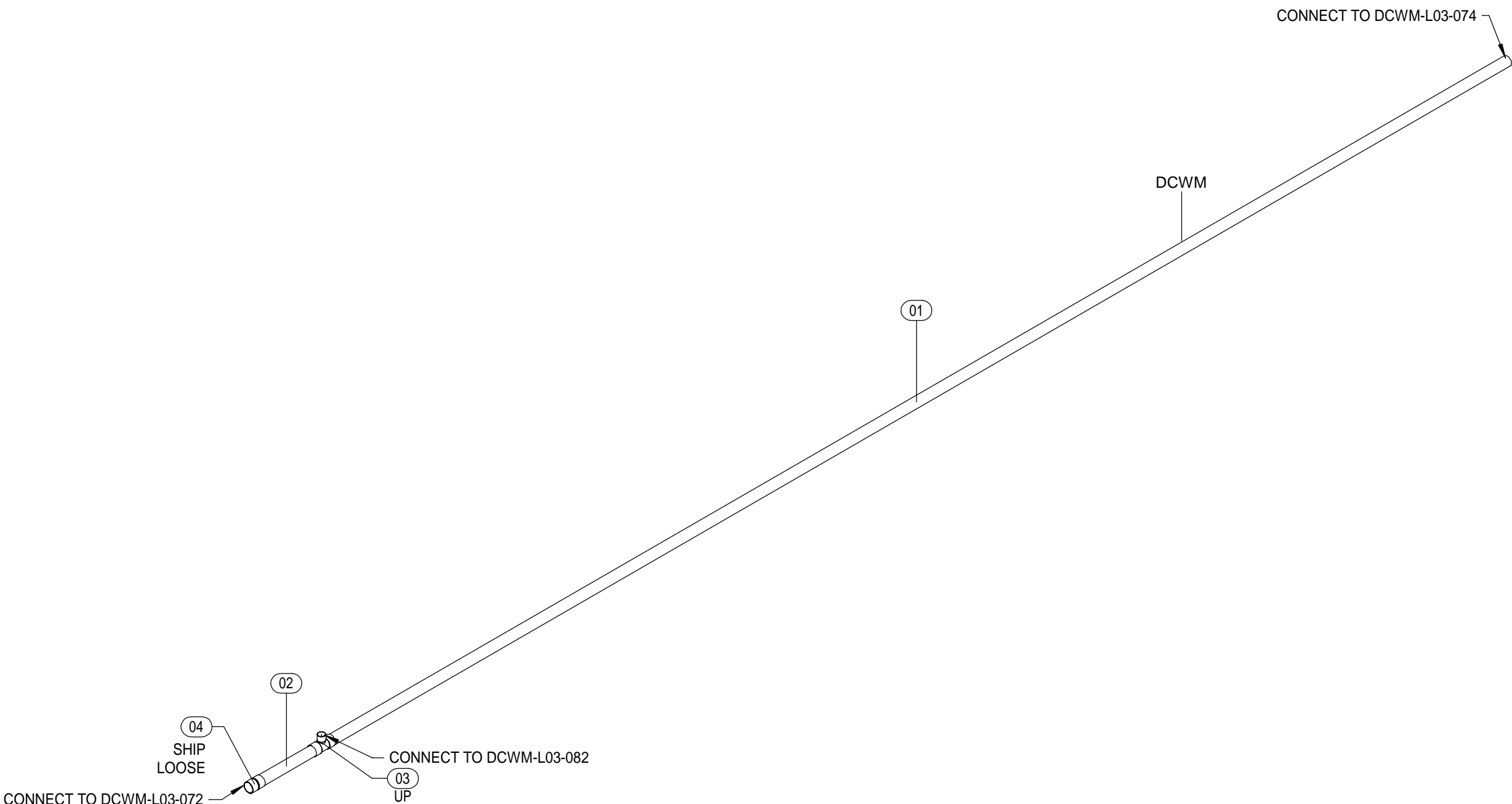
JOB:	WASH U NRB
TICKET:	HWS-L03-073
Drawn By: Author	
DATE: 08/05/21	DATE REQ:



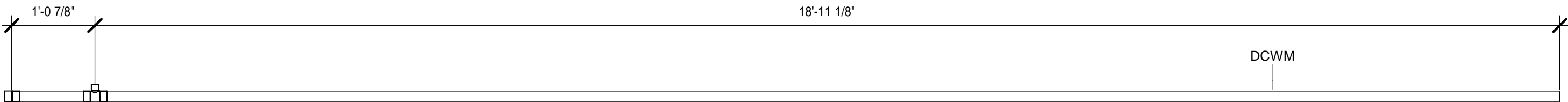
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St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRB/WUSM_RB_PLF.rvt
20-08-2021 11:42:04

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	18'-10 3/8"				1"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	1'-0"				1"
03	1	1 1/2"x1"	Nibco Wrot 611R CxCxC Reducing Tee					1"
04	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



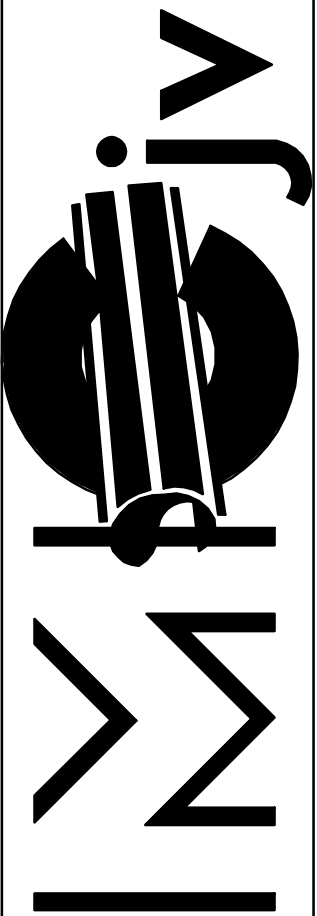
1 ISOMETRIC
SCALE:



2 RIGHT ELEVATION
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

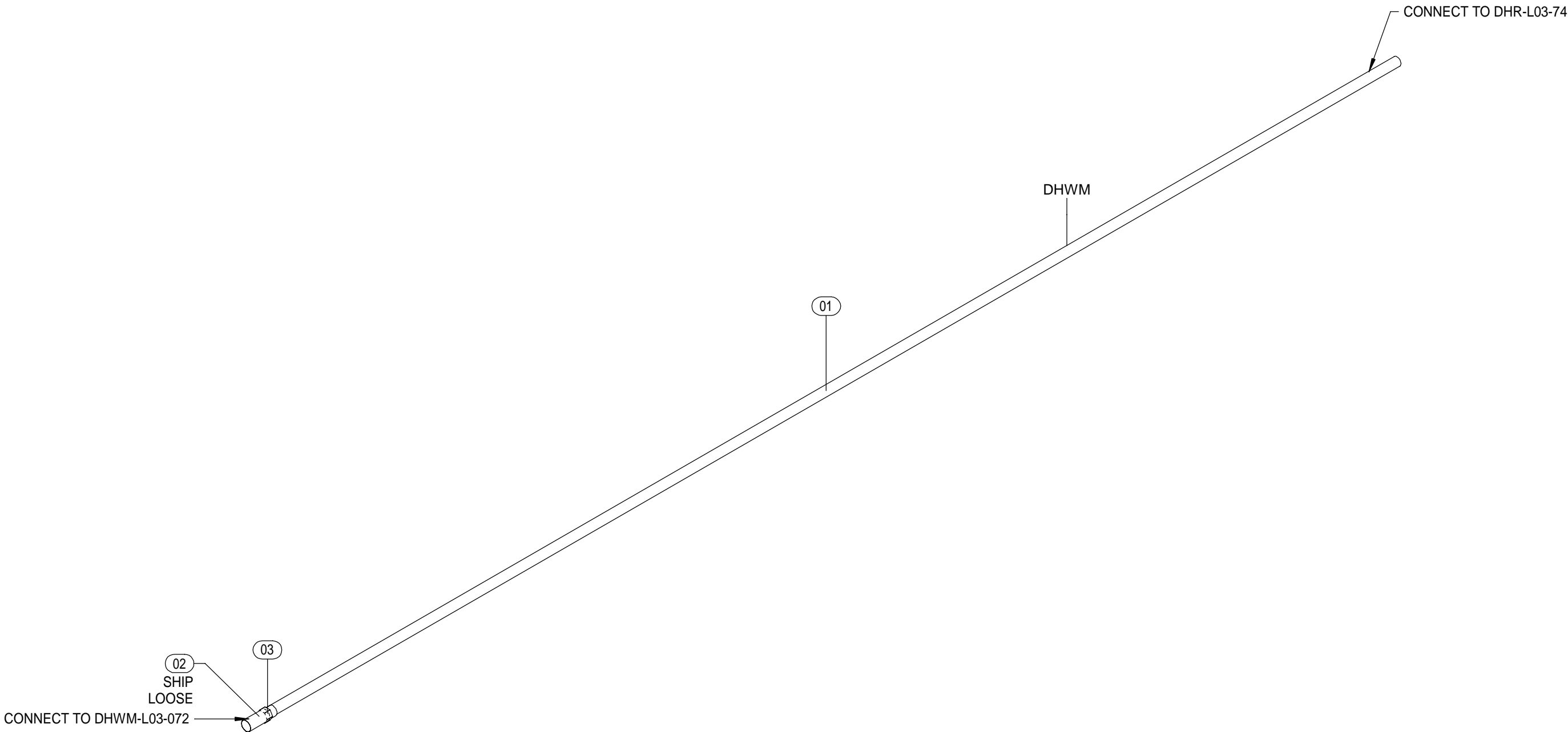
JOB:	WASH U NRB
TICKET:	DCWM-L03-073
Drawn By: Author	
DATE: 08/20/21	DATE REQ:



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314-997-6600 phone

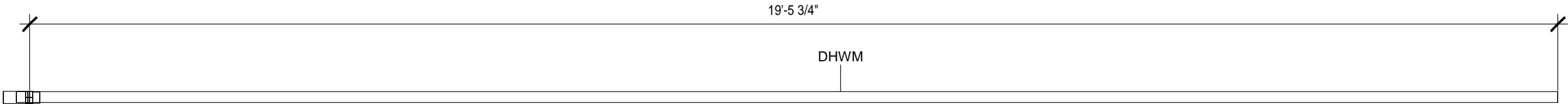
BIM 360://WUSM NRB/WUSM_RB_PLF.rvt
20-08-2021 18:07:55

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	19'-7 13/16"				2"
02	1	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting					2"
03	1	1 1/2"	Nibco Wrot 603 Adapter CxF					2"



1 ISOMETRIC

SCALE:

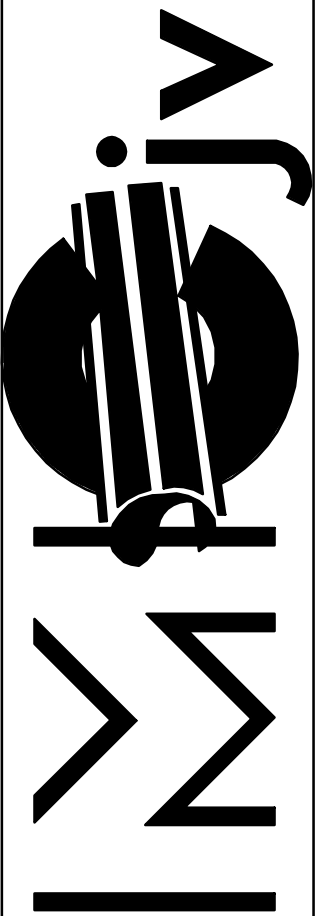


2 RIGHT ELEVATION

SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

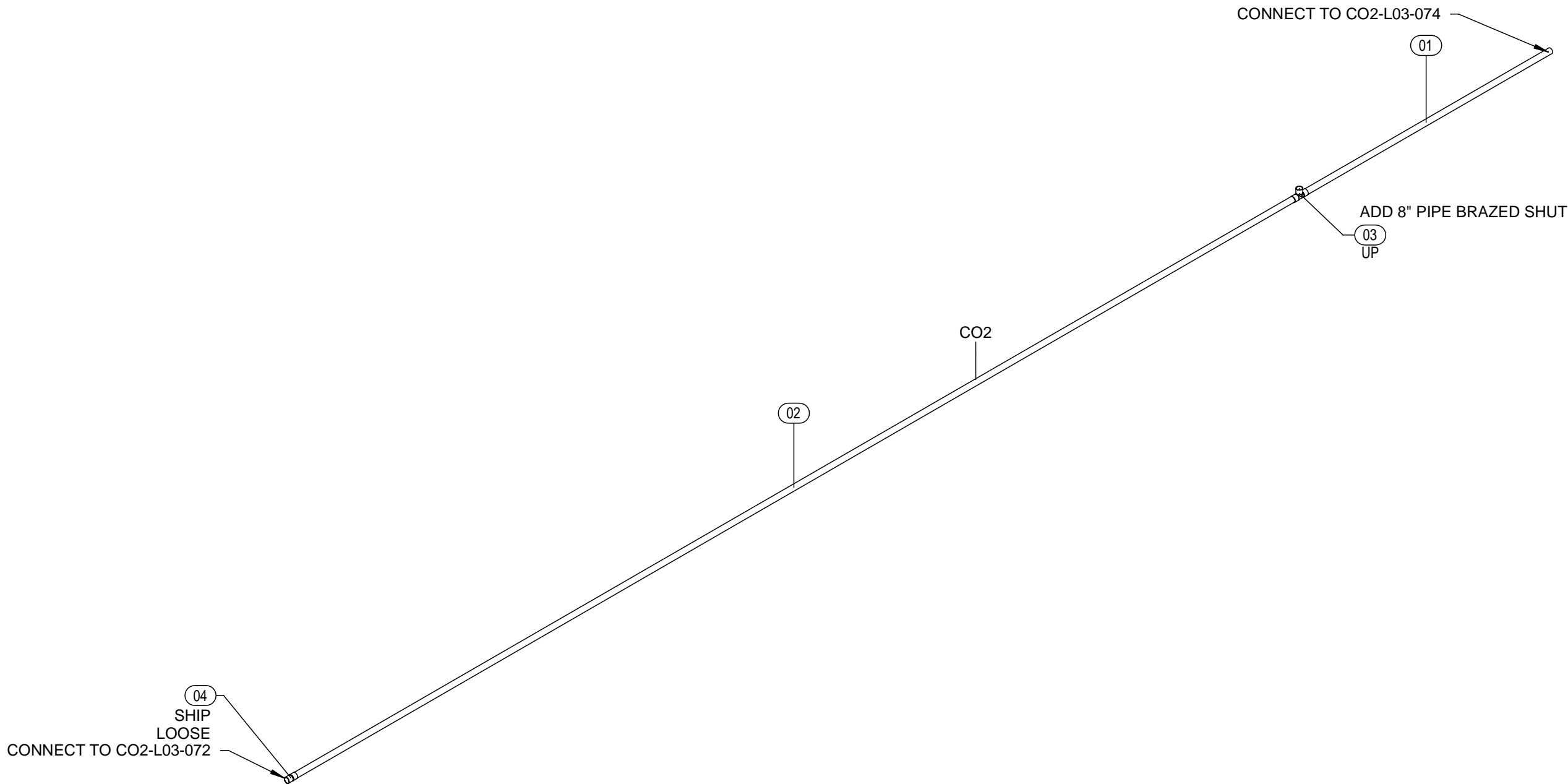
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TICKET:	DHWM-L03-073
Drawn By: Author	
DATE: 08/20/21	DATE REQ:



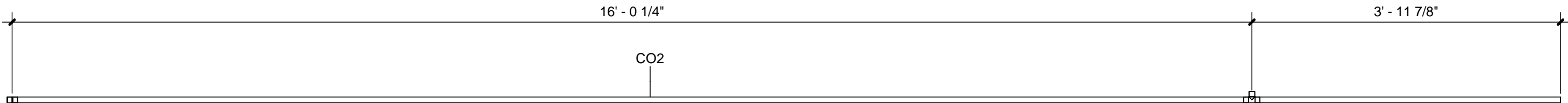
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

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17-08-2021 11:02:20

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-11 3/8"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	15'-11 5/8"				
03	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee					
04	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



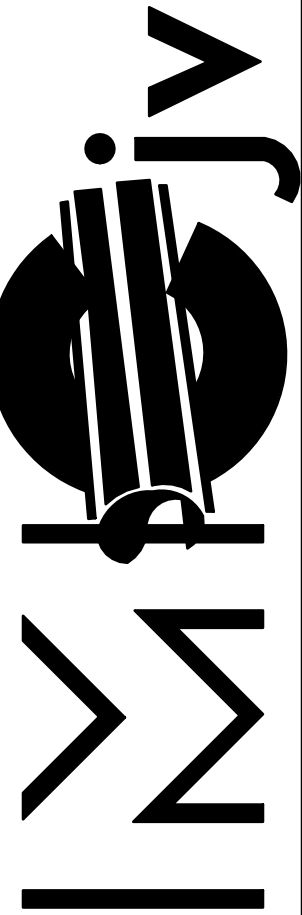
1 ISOMETRIC
SCALE:



2 RIGHT ELEVATION
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

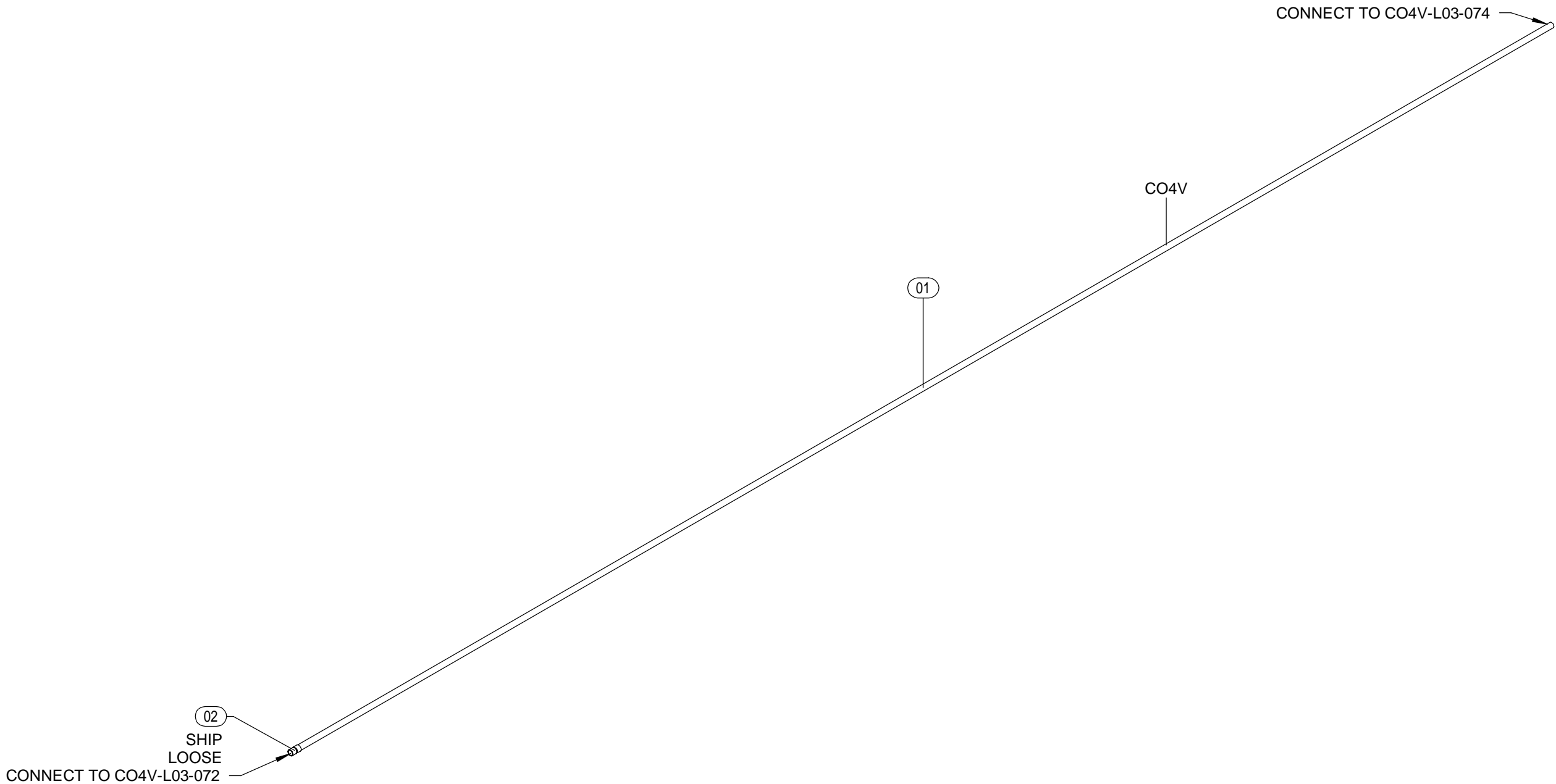
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TICKET:	CO2-L03-073
Drawn By: Author	
DATE: 08/17/21	DATE REQ:



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

BIM 360/WUSM NRBWUSM_RB_PUF.rvt
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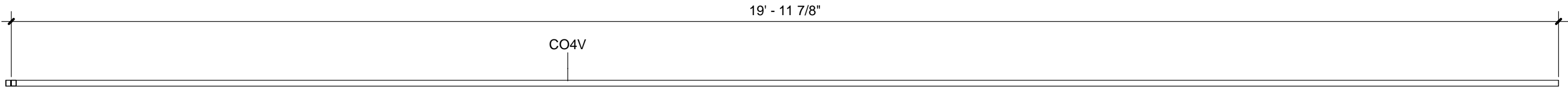
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	19'-11 7/8"				
02	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1

ISOMETRIC

SCALE:



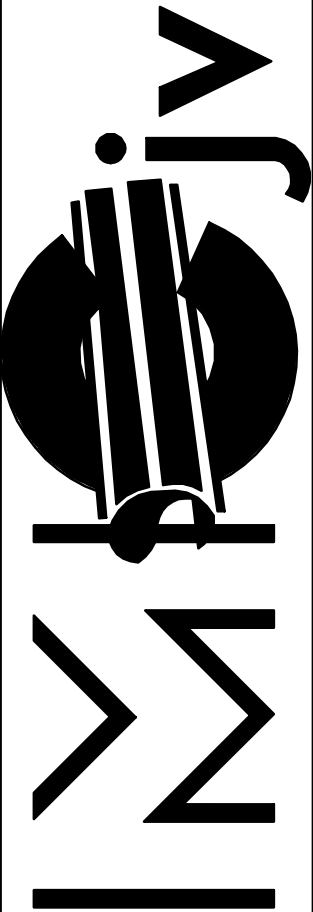
2

RIGHT ELEVATION

SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

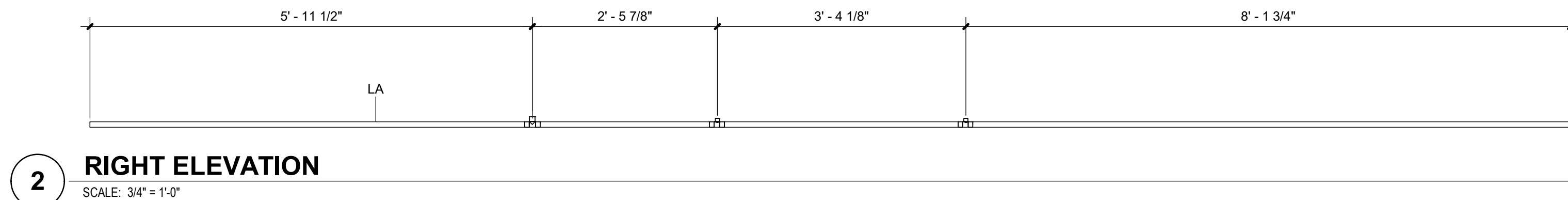
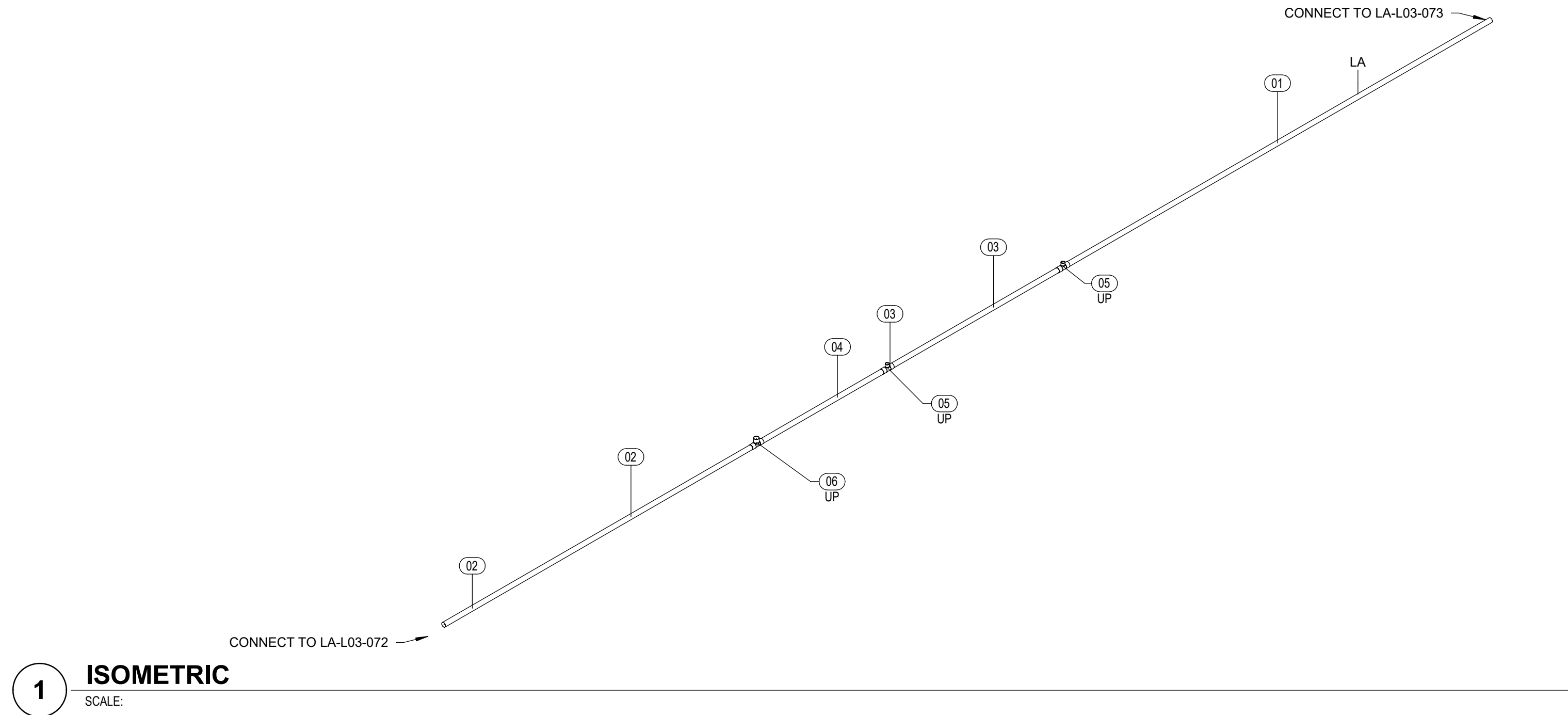
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TICKET:	CO4V-L03-073
Drawn By: Author	
DATE: 08/17/21	DATE REQ:



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314-997-6600 phone

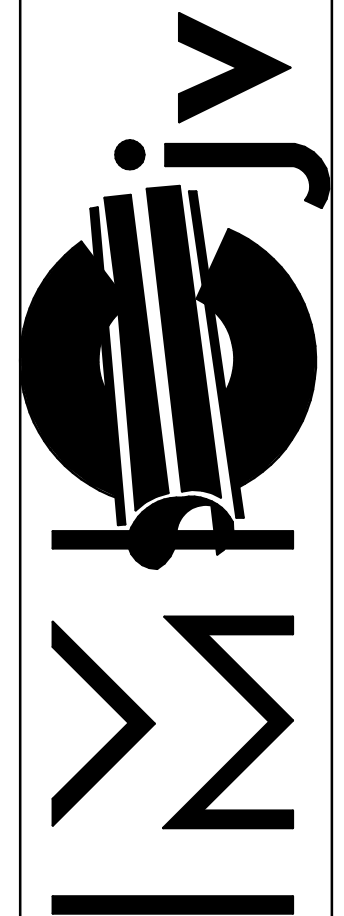
1/11/2022 1:11:52 PM

Mark	Qty	Size	Description	Length	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	8'-1 3/8"	
02	1	3/4"	Cerro Type L Hard Copper - CFOS	5'-11"	
03	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-3 1/4"	
04	1	3/4"	Cerro Type L Hard Copper - CFOS	2'-4 7/8"	
05	2	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
06	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee		



A1	A3	B1	B3
A2	A4	B2	B4

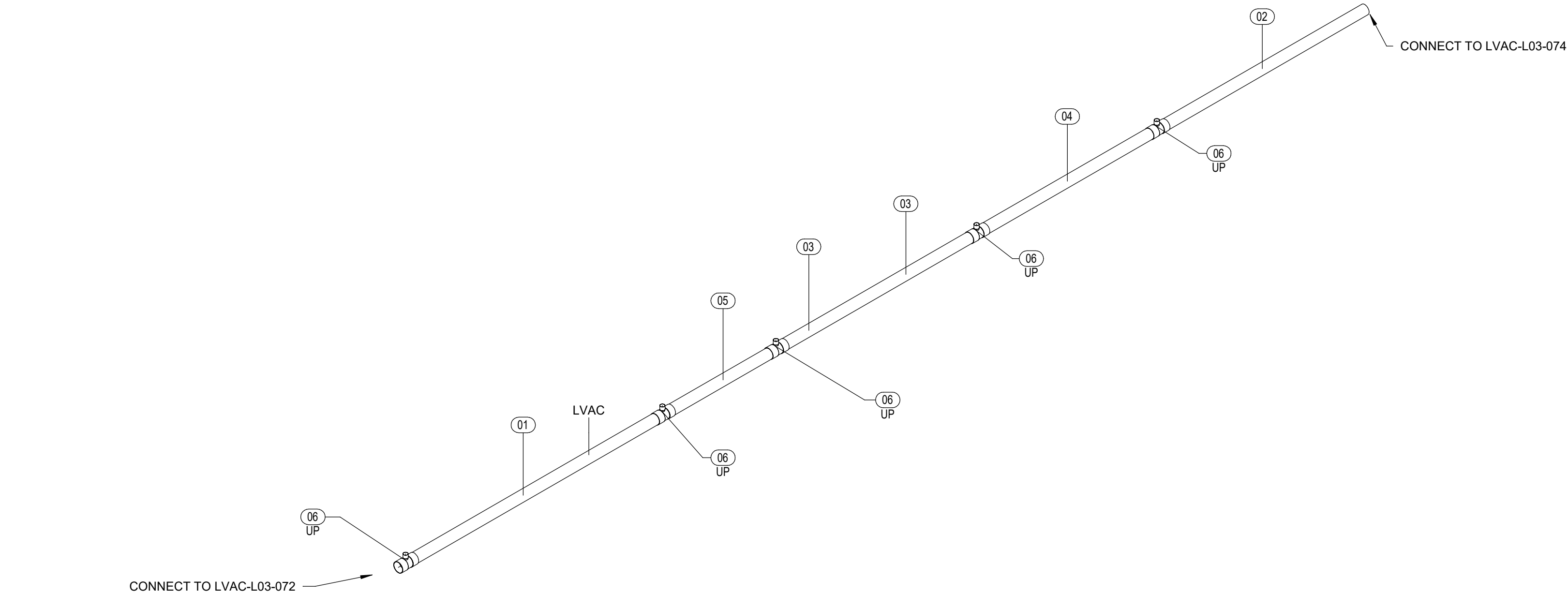
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TICKET:	LA-L03-073
Drawn By: Author	
DATE: 08/17/21	D



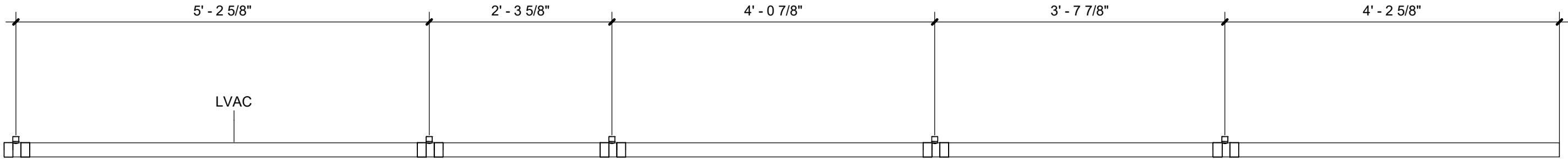
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
1/11/2022 1:12:19 PM

Mark	Qty	Size	Description	Length	Insulation
01	1	2"	Cerro Type L Hard Copper - CFOS	5'-1 3/8"	
02	1	2"	Cerro Type L Hard Copper - CFOS	4'-1 7/8"	
03	1	2"	Cerro Type L Hard Copper - CFOS	3'-11 3/4"	
04	1	2"	Cerro Type L Hard Copper - CFOS	3'-6 3/4"	
05	1	2"	Cerro Type L Hard Copper - CFOS	2'-2 1/2"	
06	5	2"x3/4"x2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		



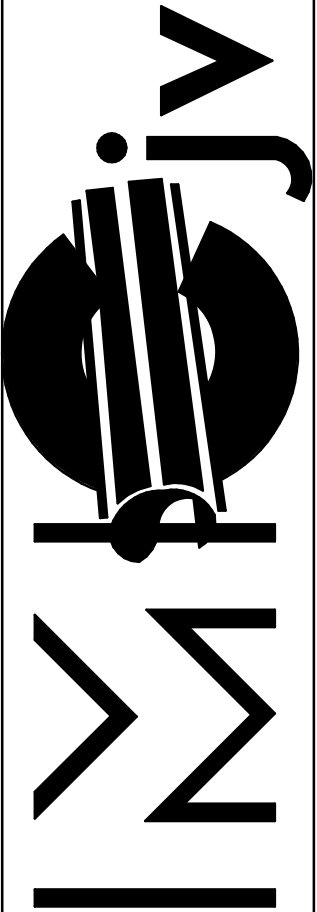
1 ISOMETRIC
SCALE:



2 RIGHT ELEVATION
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

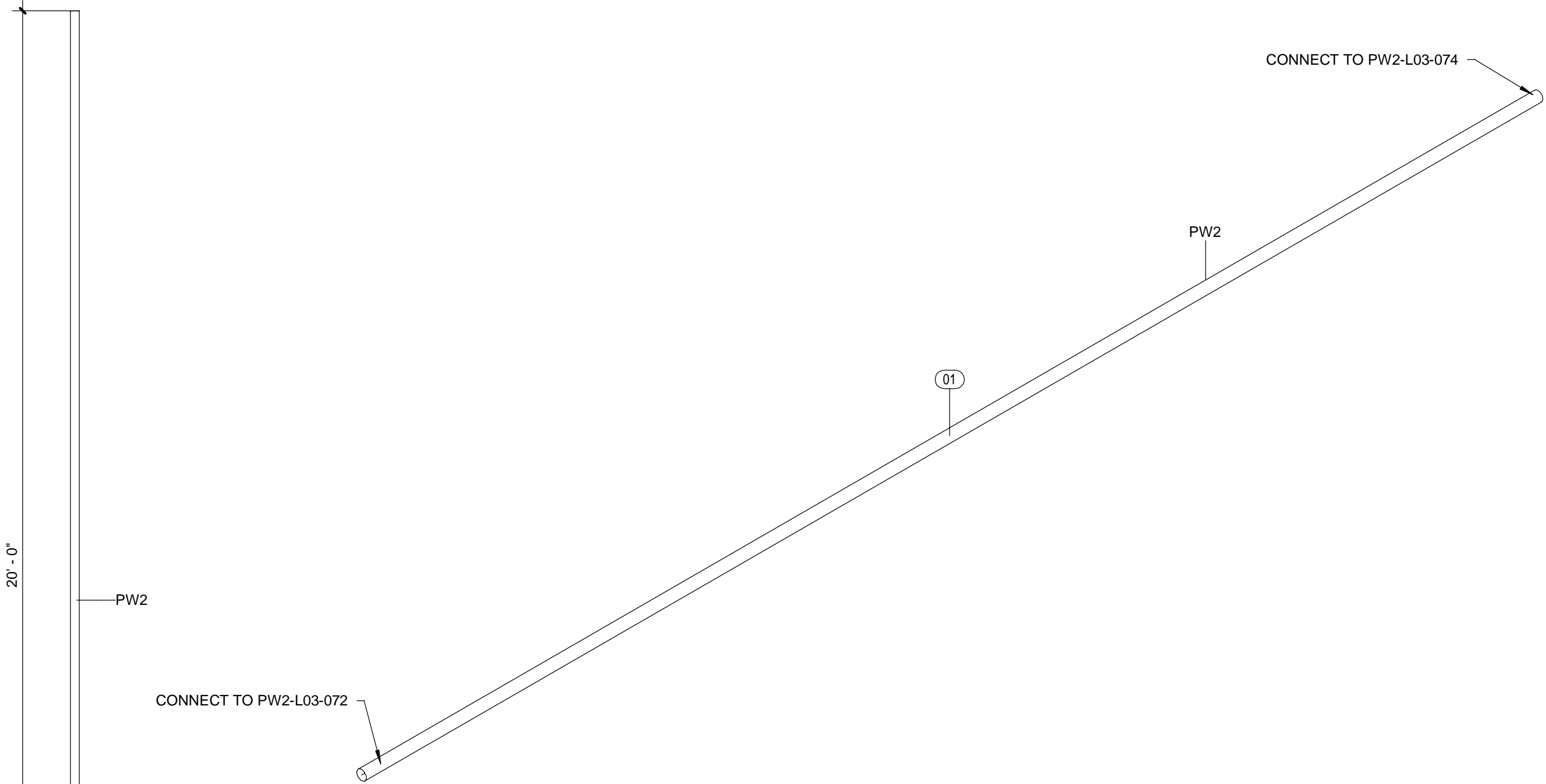
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TICKET:	LVAC-L03-073
Drawn By: Author	
DATE: 08/17/21	DATE REQ:



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17-08-2021 10:26:23

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	20'-0"				

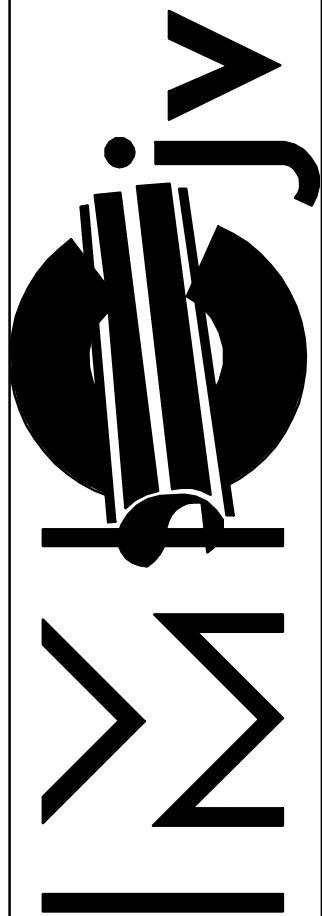


1 ISOMETRIC
SCALE:

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW2-L03-073
Drawn By: Author	
DATE: 08/17/21	DATE REQ:



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314-997-6600 phone