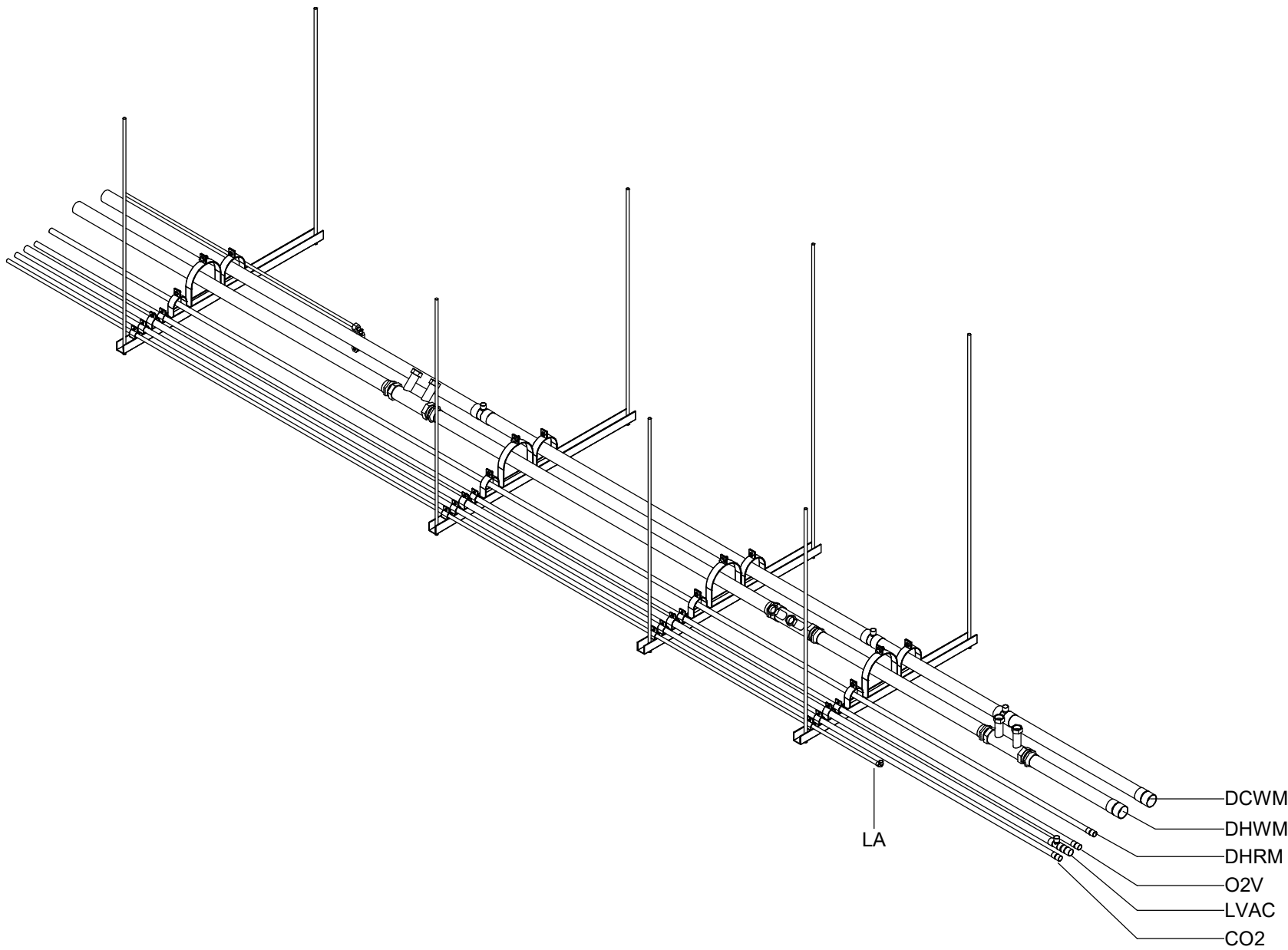
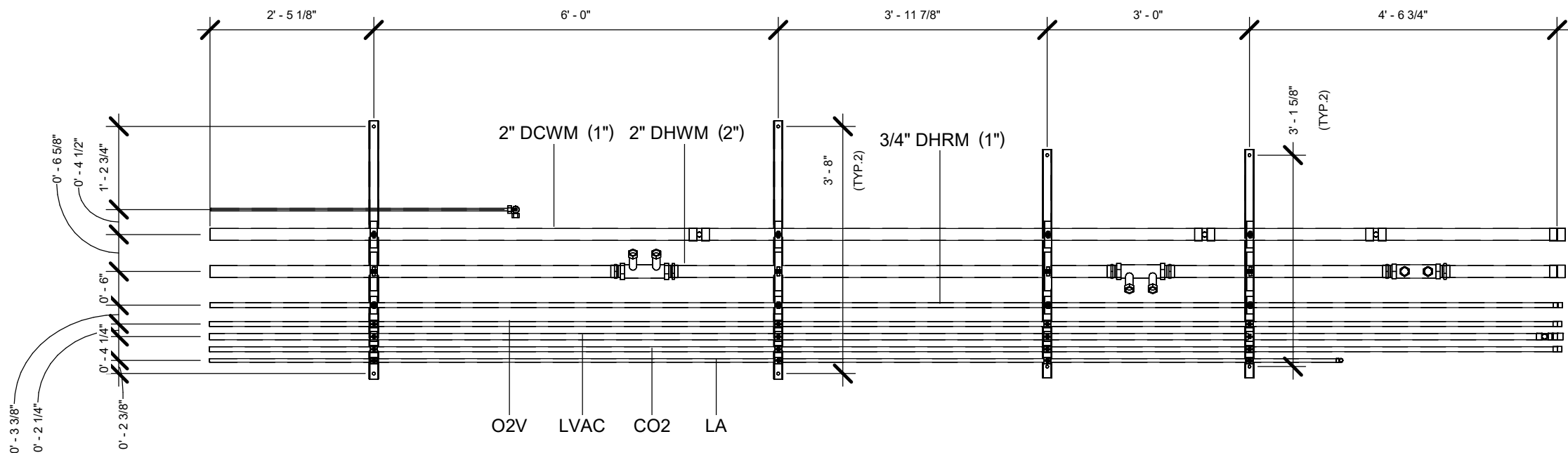


BIM 360//WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
9/8/2021 11:48:45 AM



2 AS-L03-038 - ISOMETRIC
AS-L03-038 SCALE:



1 AS-L03-038
AS-L03-038 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: AS-L03-038
Drawn By: Author
DATE: 08/09/21
DATE REQ:



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

BIM 360://WUSM NRB/WUSM RB_PLF.rvt
9/8/2021 11:32:32 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-5 15/16"				
02	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-1 15/16"				
03	2	1/2"	Swagelok SS316 Compression Union 90 Elbow					

CONNECT TO ADW-L03-037

01

ADW

03

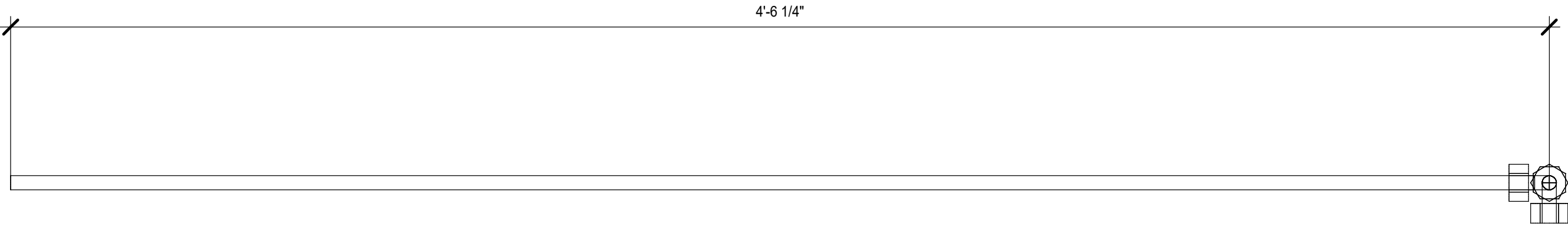
02

03

SHIP
LOOSE

1 ISOMETRIC

SCALE:



2 TOP VIEW

SCALE: 3" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

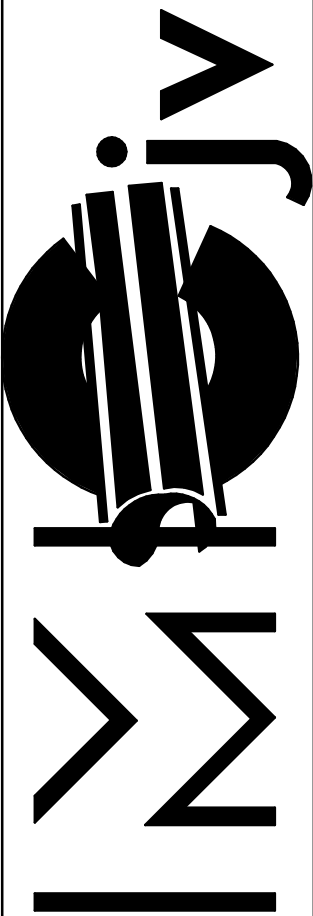
JOB: WASH U NRB

TICKET: ADW-L03-038

Drawn By: Author

DATE: 08/06/21

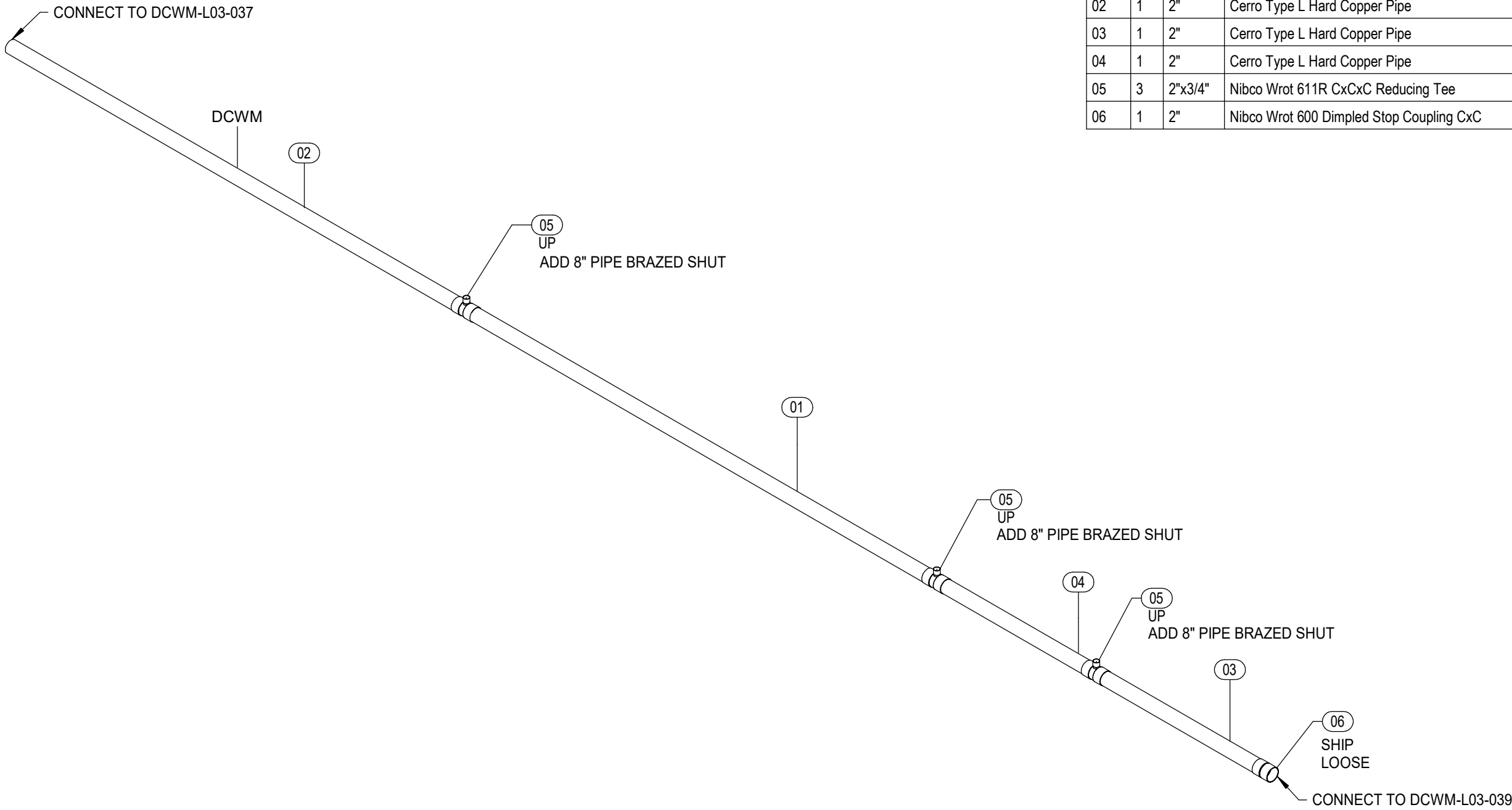
DATE REQ:



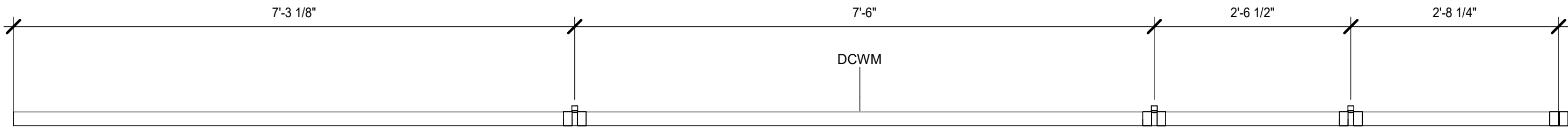
1233 N. Price Rd.
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BIM 360://WUSM NRBWUSM_RB_PLF.rvt
9/8/2021 11:24:18 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe	7'-5 1/16"				1"
02	1	2"	Cerro Type L Hard Copper Pipe	7'-2 11/16"				1"
03	1	2"	Cerro Type L Hard Copper Pipe	2'-7 13/16"				1"
04	1	2"	Cerro Type L Hard Copper Pipe	2'-5 5/8"				1"
05	3	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
06	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



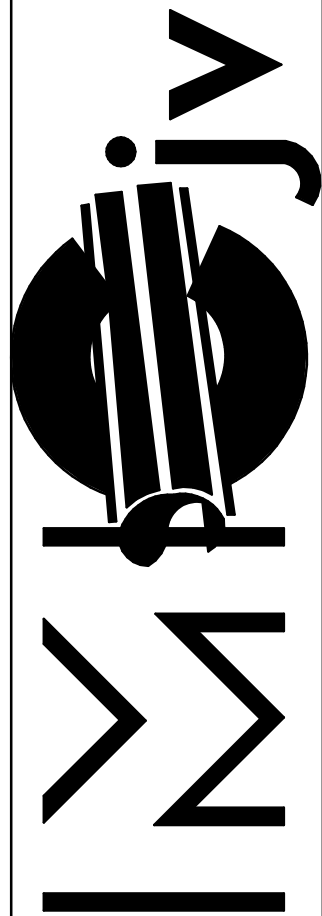
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

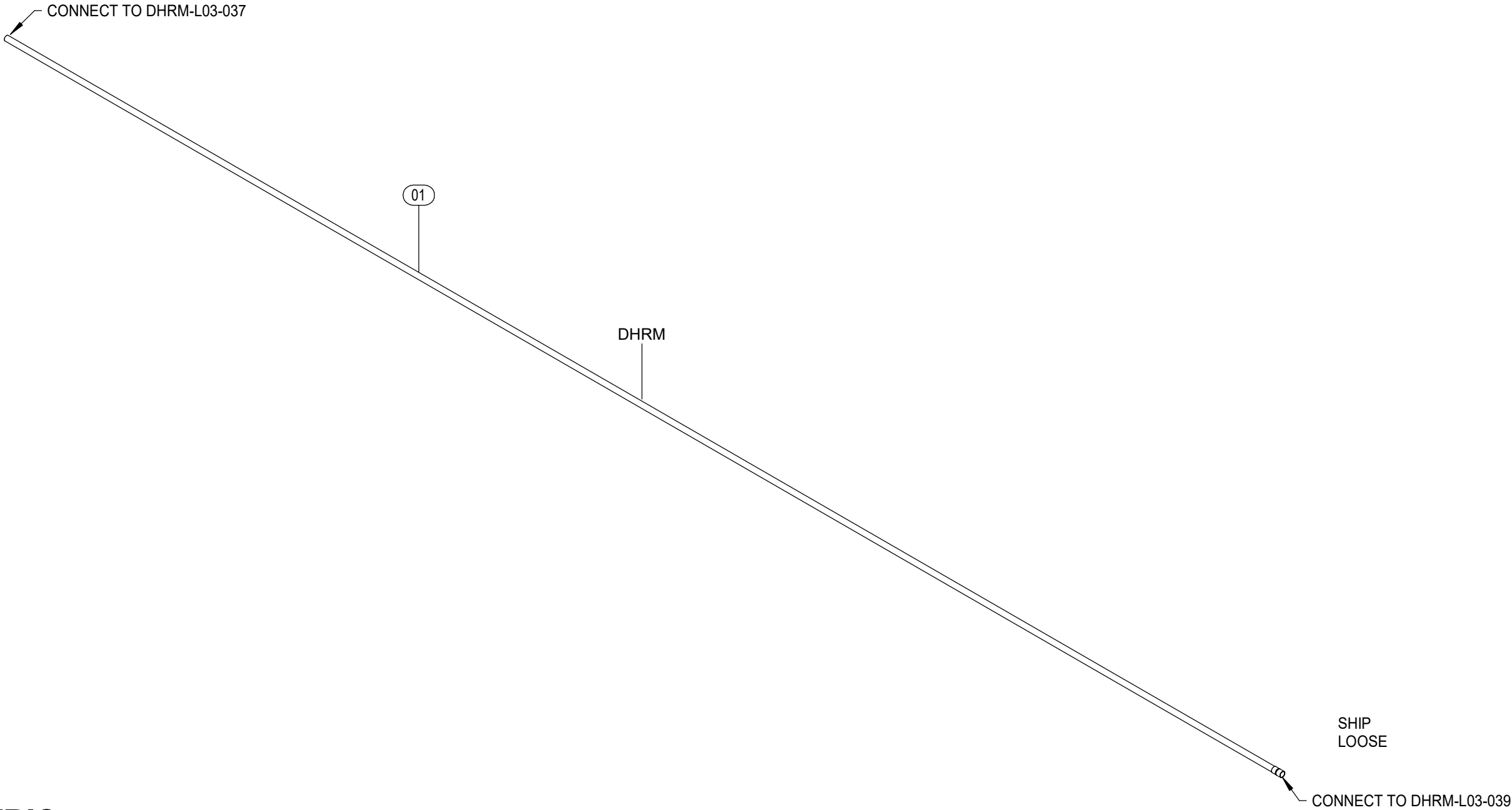
JOB:	WASH U NRB
TICKET:	DCWM-L03-038
Drawn By: Author	
DATE: 08/06/21	DATE REQ:



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St. Louis, Mo 63132-2303
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BIM 360://WUSM NRB/WUSM RB_PLF.rvt
9/8/2021 11:24:21 AM

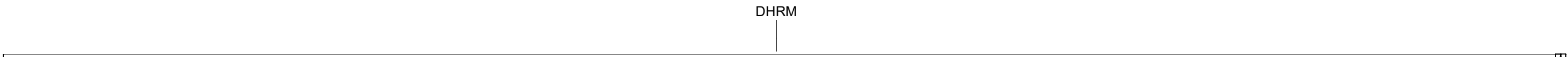
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe	19'-11 7/8"				1"
02	1	3/4"	Elkhart 100 Wrot Coupling with Stop					1"



1

ISOMETRIC

SCALE:



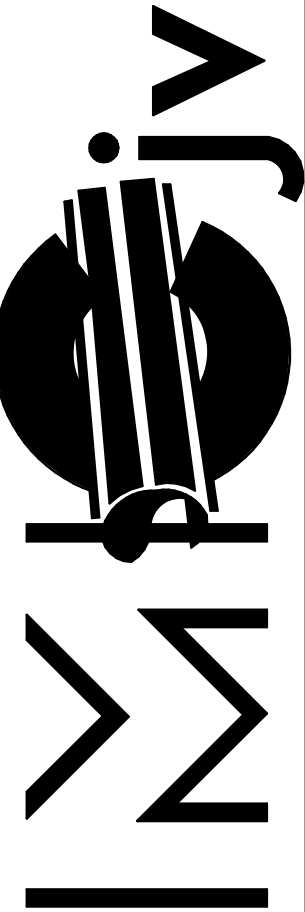
2

FRONT ELEVATION

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

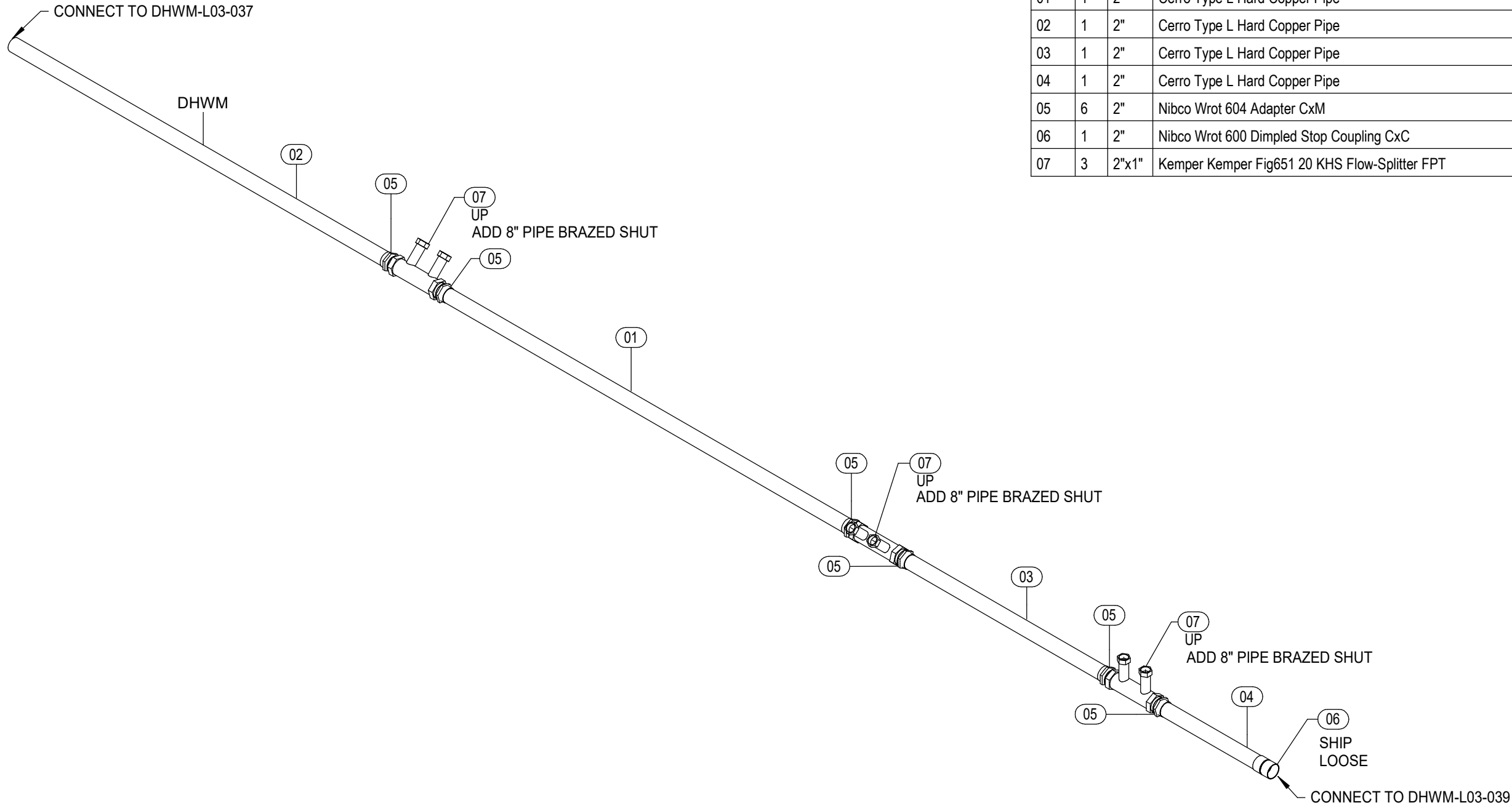
A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	DHRM-L03-038
Drawn By: Author	
DATE: 08/06/21	DATE REQ:



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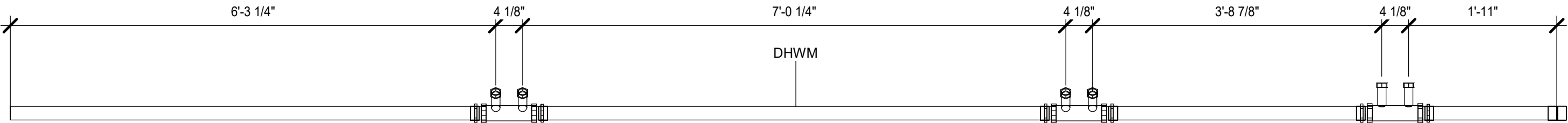
BIM 360://WUSM NRBWUSM_RB_PLF.rvt
9/8/2021 11:24:27 AM



Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe	6'-7 1/16"				2"
02	1	2"	Cerro Type L Hard Copper Pipe	6'-0 11/16"				2"
03	1	2"	Cerro Type L Hard Copper Pipe	3'-3 11/16"				2"
04	1	2"	Cerro Type L Hard Copper Pipe	1'-8 7/16"				2"
05	6	2"	Nibco Wrot 604 Adapter CxM					2"
06	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"
07	3	2"x1"	Kemper Kemper Fig651 20 KHS Flow-Splitter FPT					2"

1 ISOMETRIC

SCALE:



2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

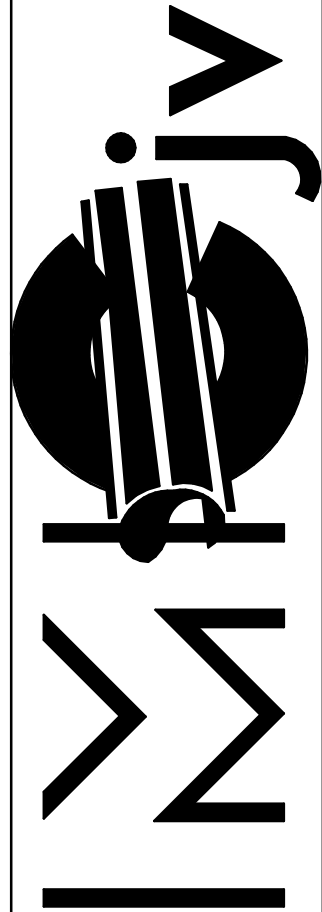
JOB: WASH U NRB

TICKET: DHWM-L03-038

Drawn By: Author

DATE: 08/06/21

DATE REQ:

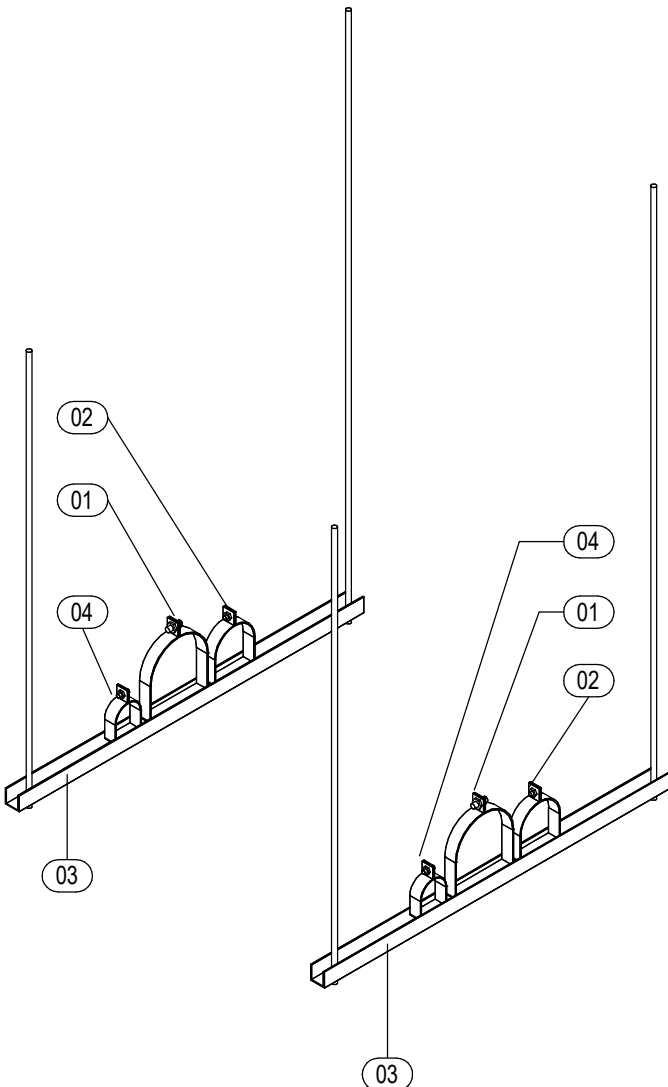
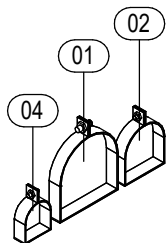
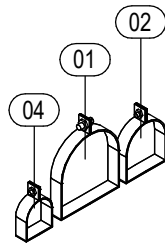


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BIM 360://WUSM NRB/WUSM RB_PLF.rvt
9/8/2021 11:30:50 AM

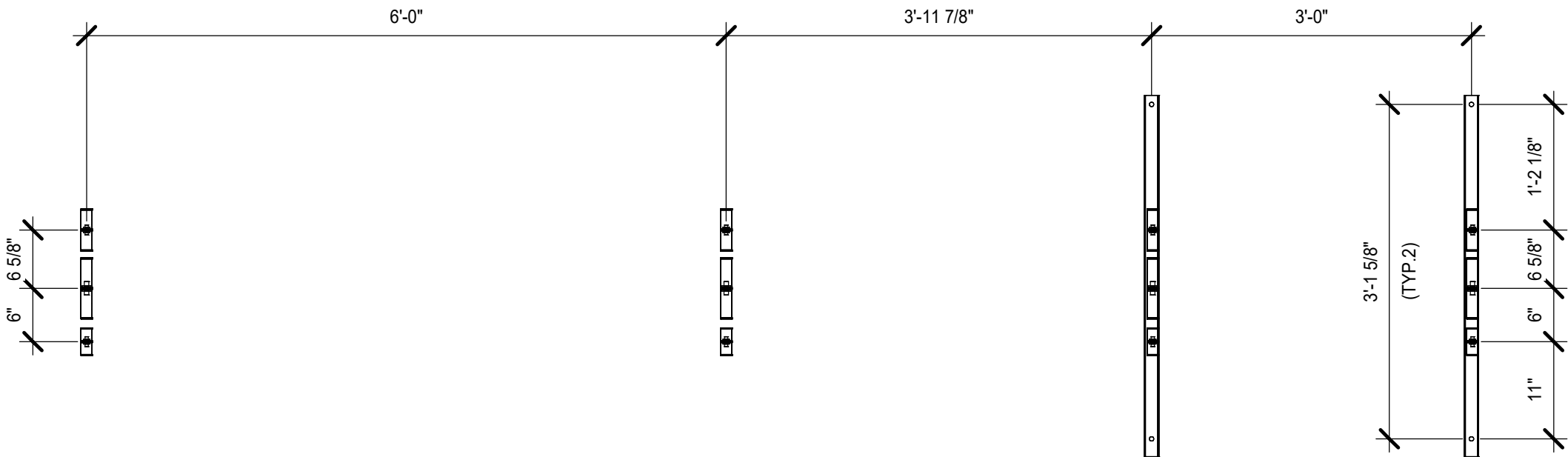
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation	Strut Width
01	4	6"	B-Line B2000 ZN Schl 40 Pipe Clamp						
02	4	4"	B-Line B2000 ZN Schl 40 Pipe Clamp						
03	2	35 5/8"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut						
04	4	2.5"	B-Line B2000 ZN Schl 40 Pipe Clamp						

01	4	6 1/8"	B-LINE #2110
02	4	4 1/8"	B-LINE #2054
04	4	2 7/8"	B-LINE #2014



1 ISOMETRIC

SCALE:



2 TOP VIEW

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

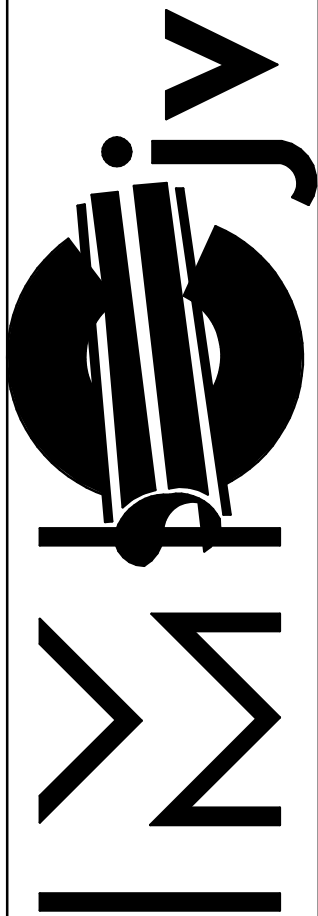
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: PPHGR-L03-038

Drawn By: Author

DATE REQ: 08/12/21



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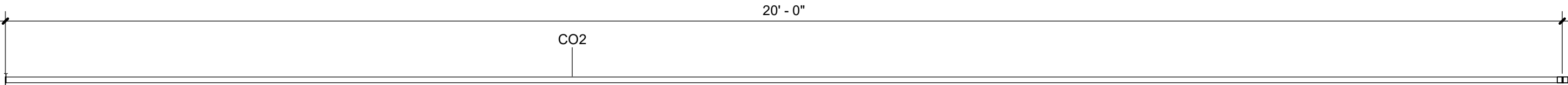
BIM 360://WUSM NRB\\WUSM_RB_PUF.rvt
9/8/2021 10:33:24 AM

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					
03	2	3/4"	Generic Silfos Brazed Joint					



1 ISOMETRIC

SCALE:

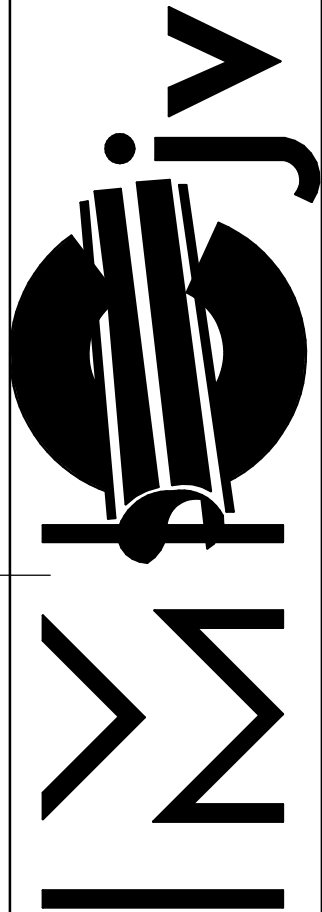


2 TOP VIEW

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

A1	A3	B1	B3
A2	A4	B2	B4

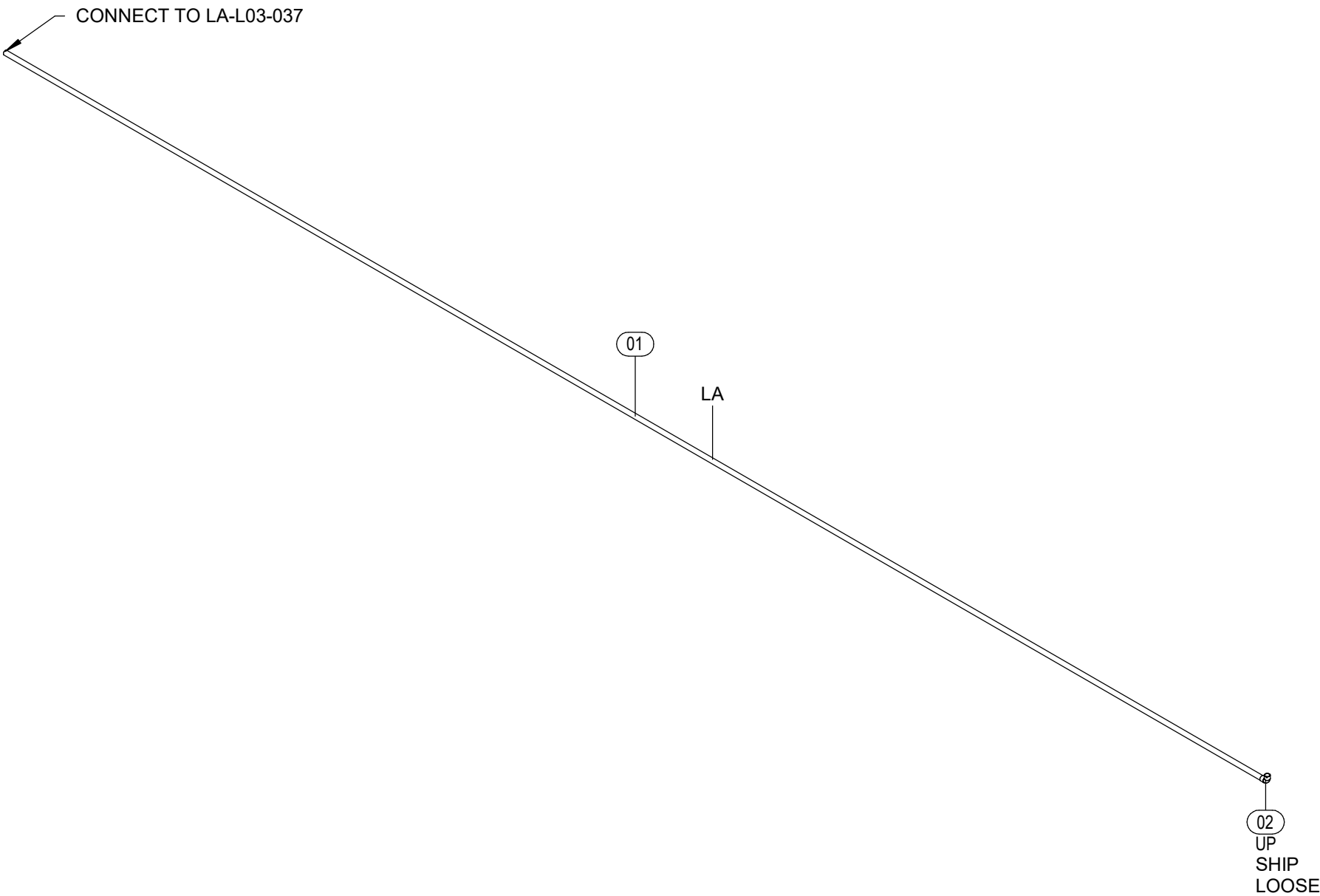
JOB:	WASH U NRB
TICKET:	CO2-L03-038
Drawn By: Author	
DATE: 08/17/21	DATE REQ:



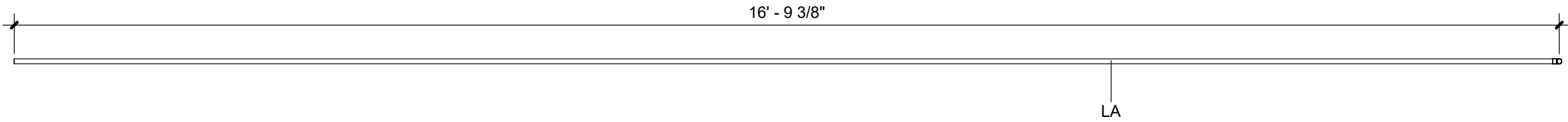
1233 N. Price Rd.
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
9/8/2021 10:33:25 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	16'-9 1/16"				
02	1	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					



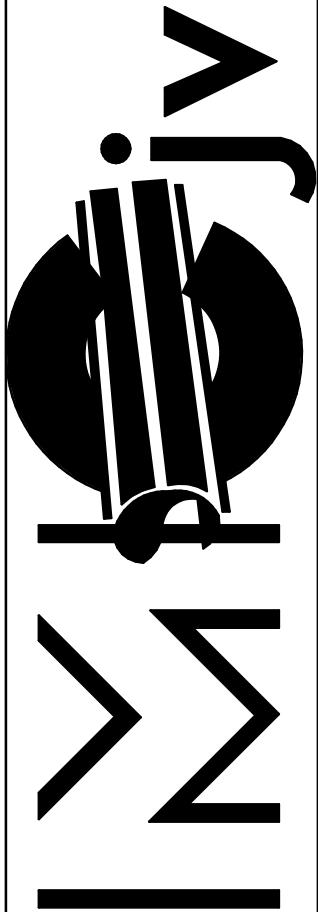
1 ISOMETRIC
SCALE:



2 TOP VIEW
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: LA-L03-038
Drawn By: Author
DATE: 08/13/21 DATE REQ:



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BIM 360://WUSM NRB\\WUSM_RB_PUF.rvt
9/8/2021 10:33:27 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1"	Cerro Type L Hard Copper - CFOS	19'-9 1/8"				
02	1	1"	Cerro Type L Hard Copper - CFOS	0'-1 5/8"				
03	1	1"x3/4"x1"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
04	1	1"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					

CONNECT TO LVAC-L03-037

01

LVAC

02

03

ADD 8" PIPE BRAZED SHUT

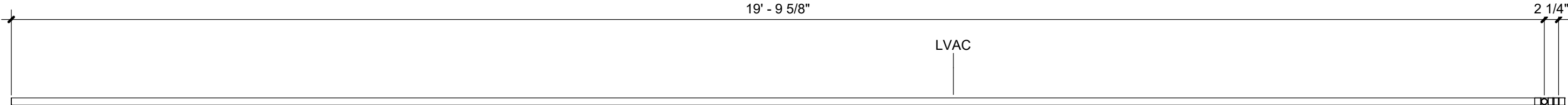
04

SHIP
LOOSE

CONNECT TO LVAC-L03-039

1 ISOMETRIC

SCALE:

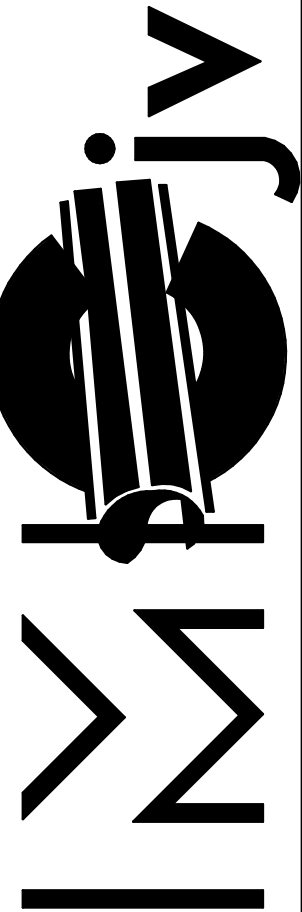


2 TOP VIEW

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

A1	A3	B1	B3
A2	A4	B2	B4

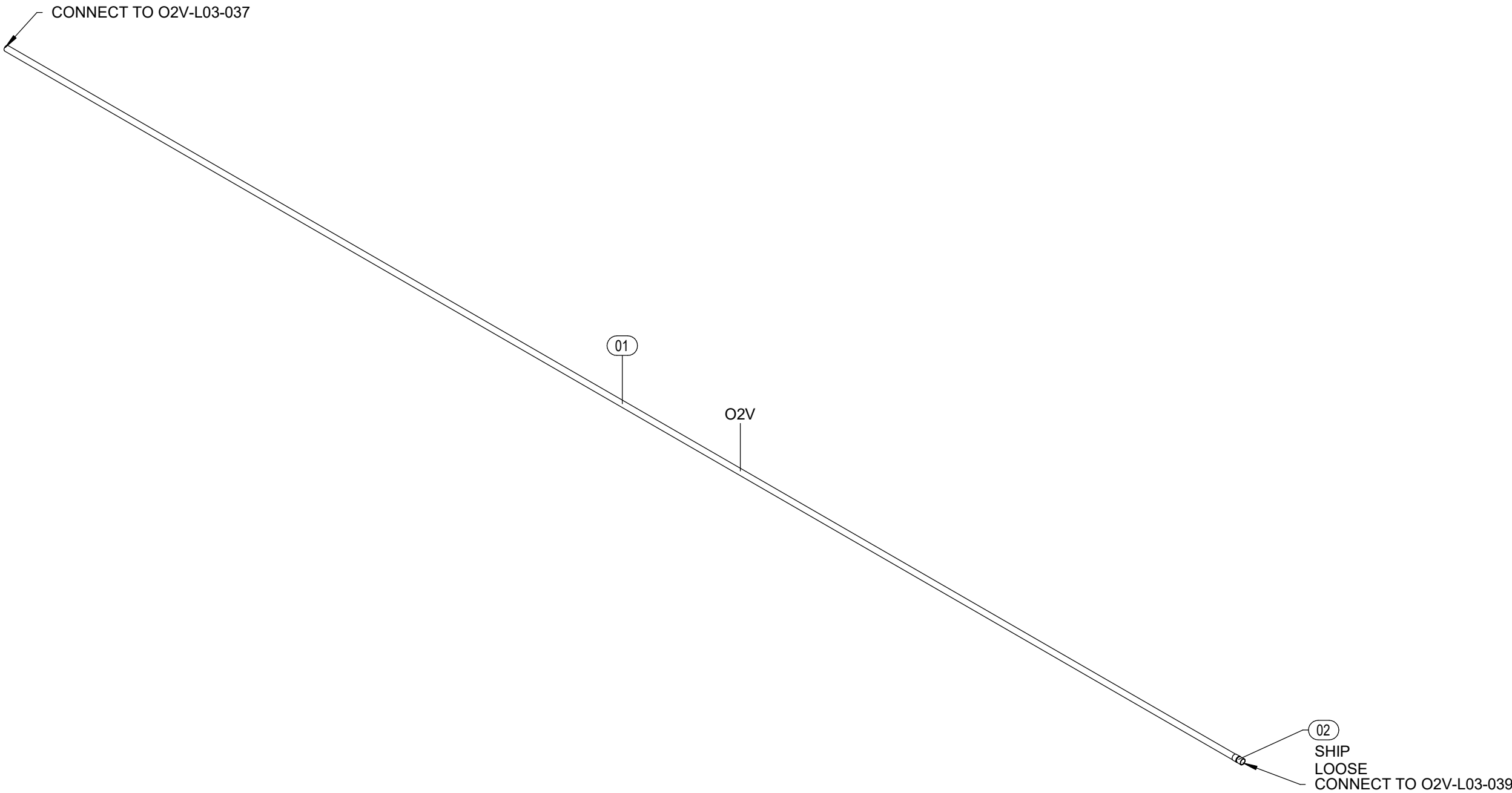
JOB:	WASH U NRB
TICKET:	LVAC-L03-038
Drawn By: Author	
DATE: 08/13/21	DATE REQ:



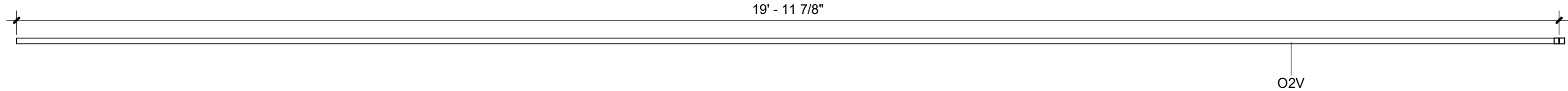
1233 N. Price Rd.
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BIM 360://WUSM NRB\\WUSM_RB_PUF.rvt
9/8/2021 10:33:29 AM

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					



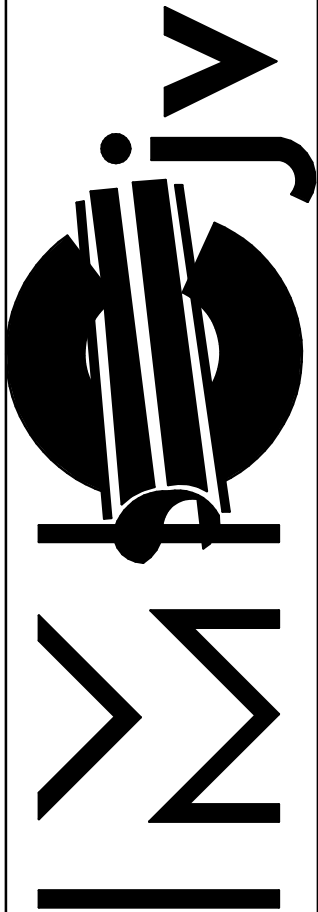
1 ISOMETRIC
SCALE:



2 TOP VIEW
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

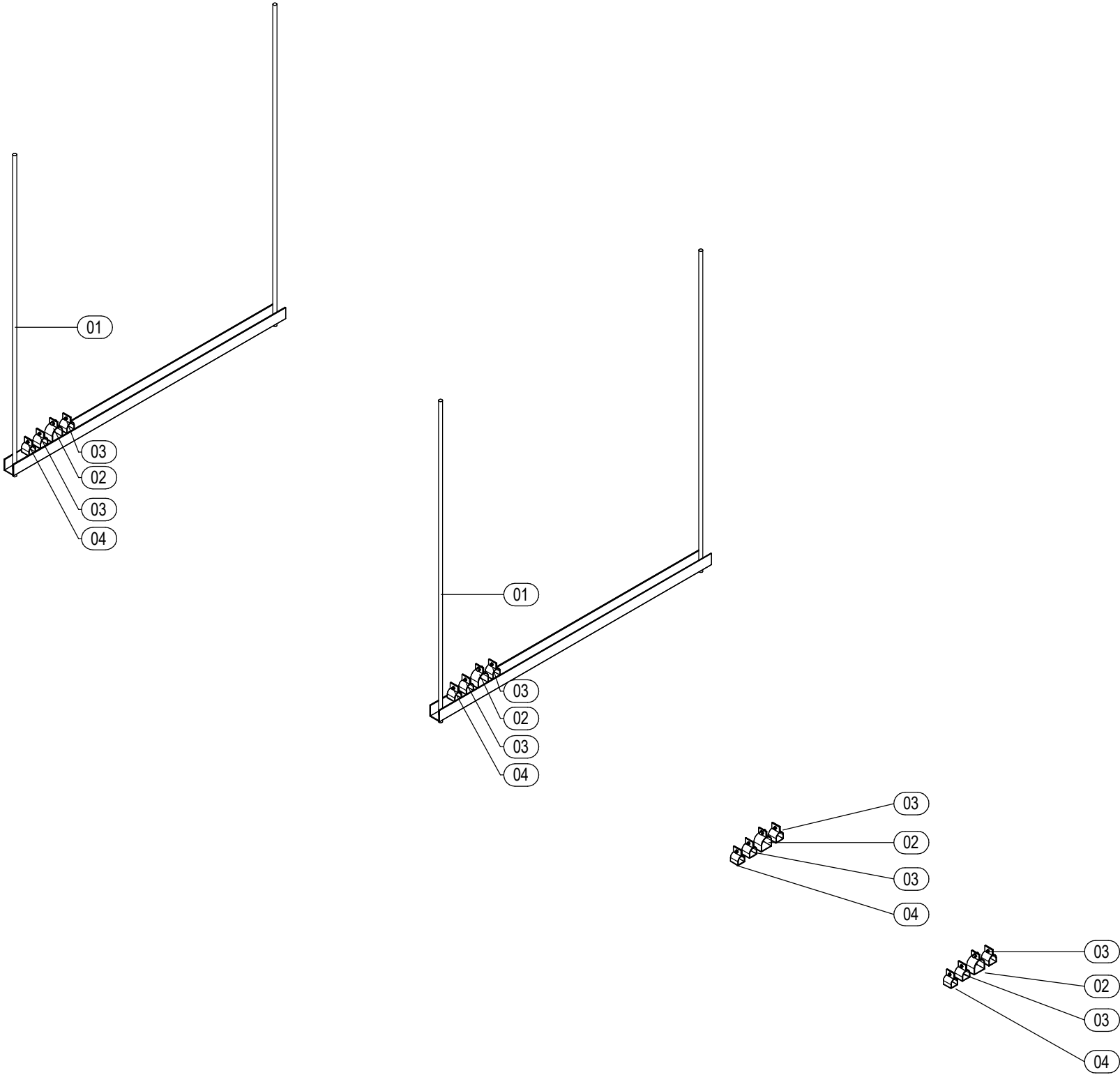
JOB: WASH U NRB
TICKET: O2V-L03-038
Drawn By: Author
DATE: 08/13/21 DATE REQ:



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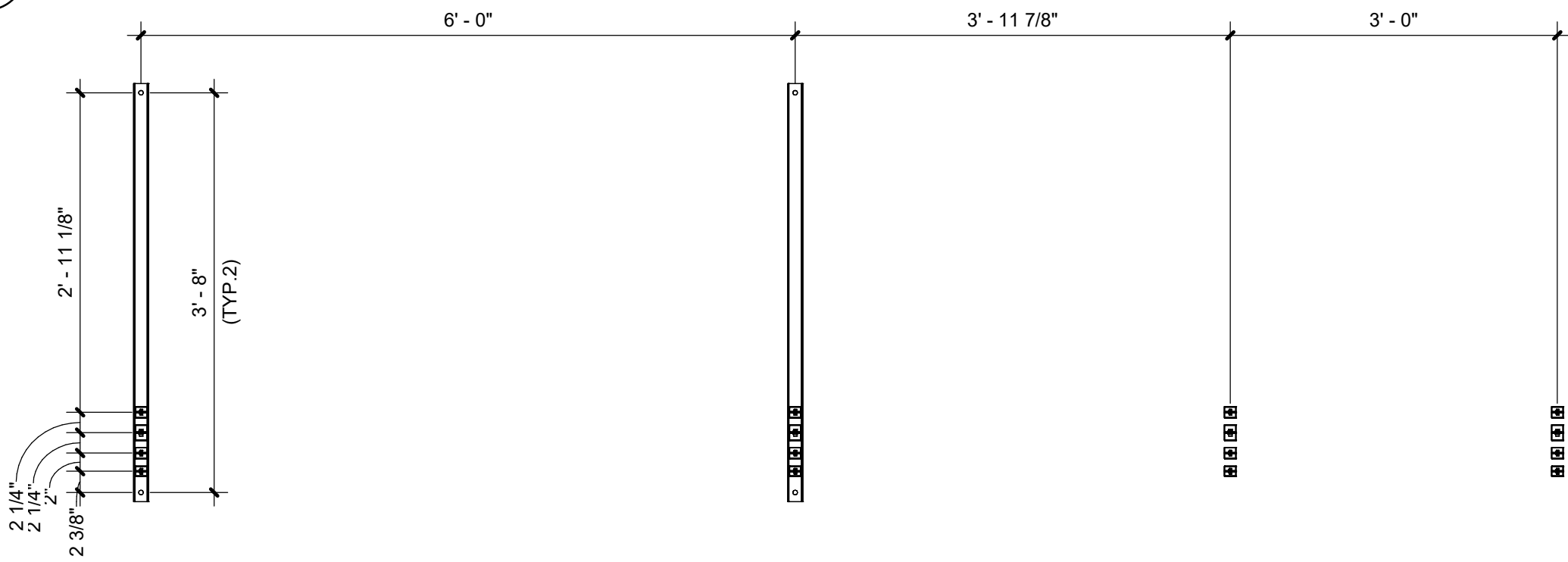
BIM 360//WUSM NRBWUSM RB_PUF.rvt
9/8/2021 10:33:29 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation	Strut Width
01	2	42"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		3' - 10"	3' - 11"	3' - 11"		
02	4	1.25"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"	0"	0"		
03	8	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"	0"	0"		
04	4	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"	0"	0"		



1 ISOMETRIC

SCALE:



2 TOP VIEW

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

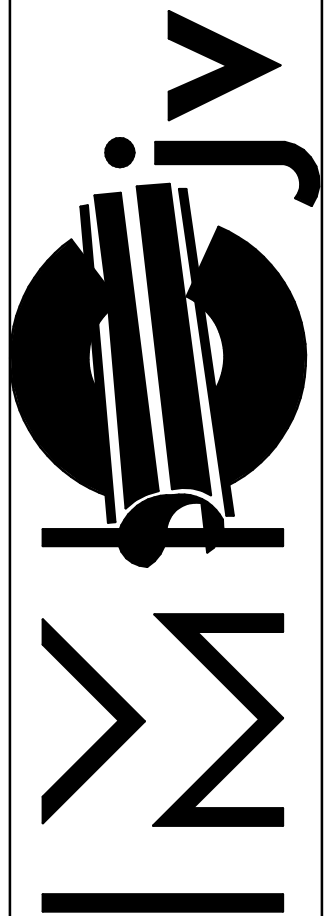
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: PUHGR-L03-038

Drawn By: Author

DATE REQ: 08/11/21



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