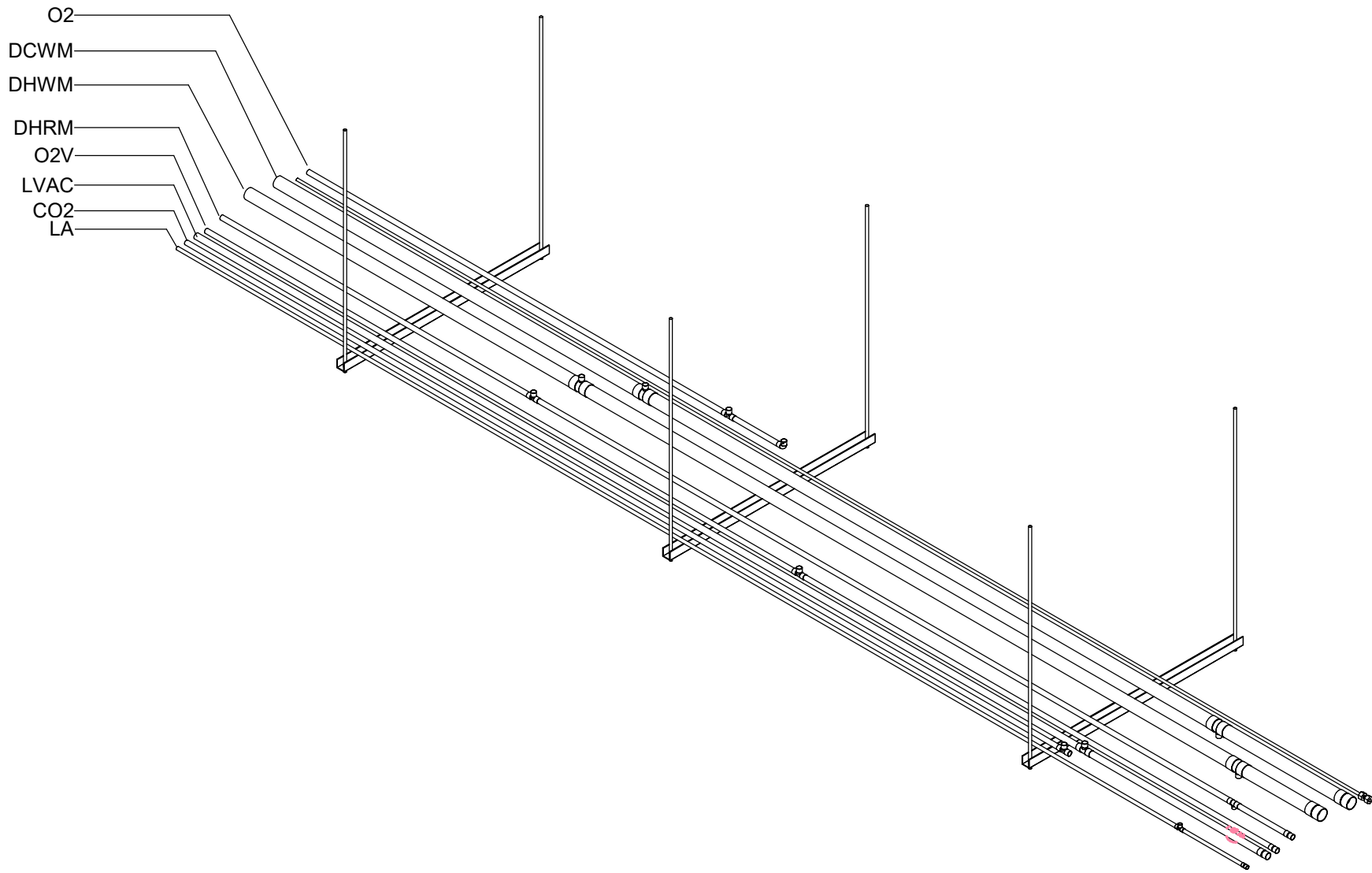
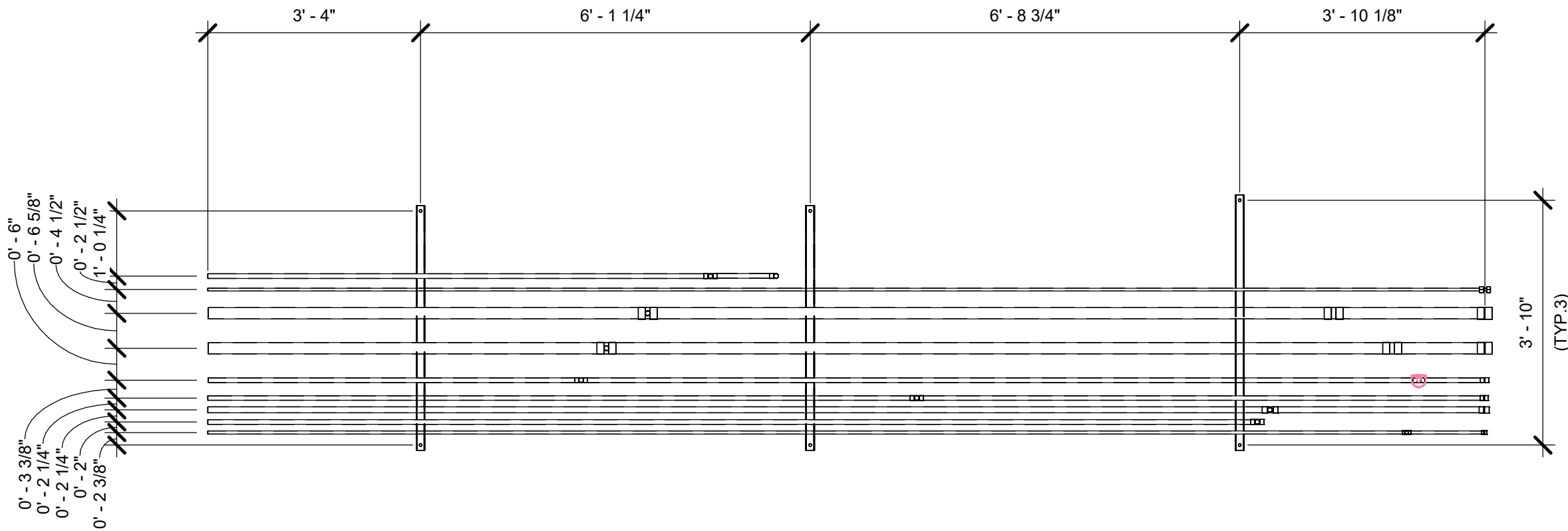


BIM 360/WUSM NRBWUSM\_RB\_SPOOLING MASTER.rvt  
8/11/2021 2:31:47 PM



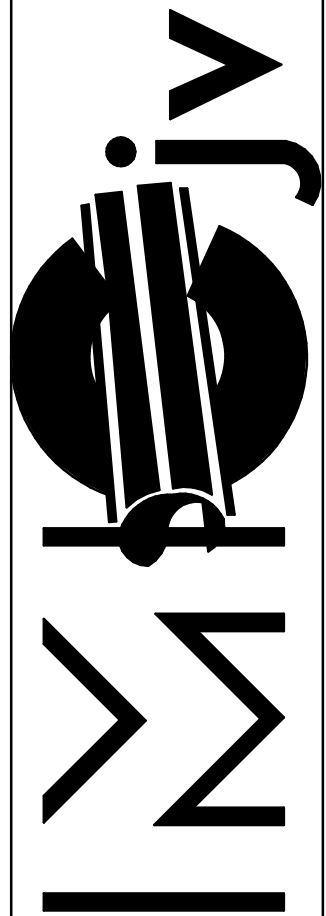
2 AS-L03-037 - ISOMETRIC  
AS-L03-037 SCALE:



1 AS-L03-037  
AS-L03-037 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

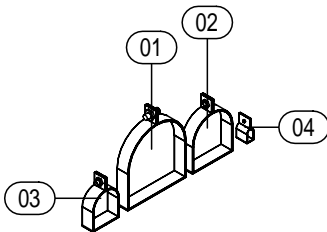
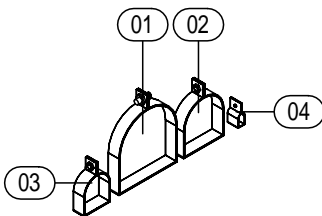
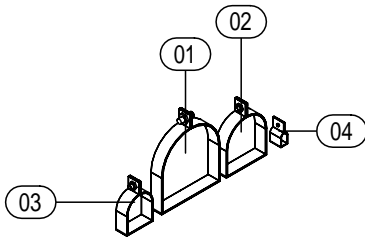
JOB:	WASH U NRB
TICKET:	AS-L03-037
Drawn By: Author	
DATE: 08/09/21	DATE REQ:



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

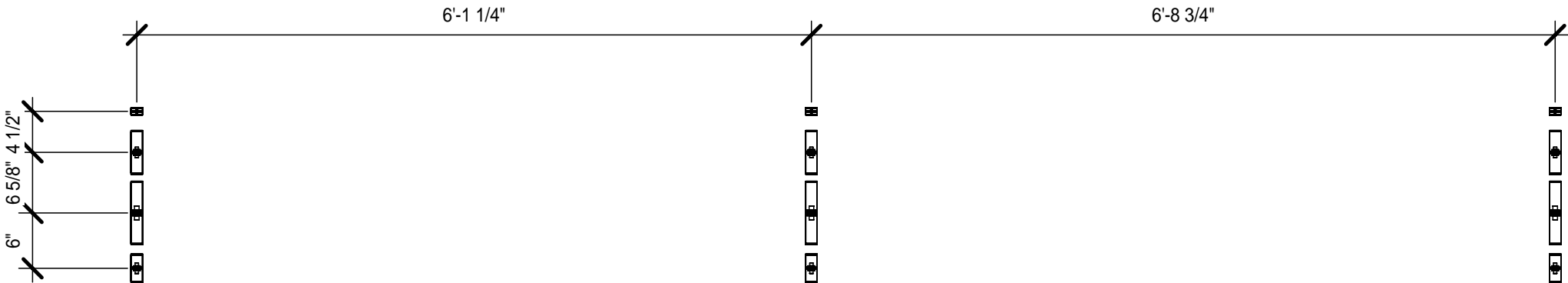
BIM 360://WUSM NRB/WUSM\_RB\_PLF.rvt  
12-08-2021 11:32:52

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
<del>01</del>	<del>3</del>	<del>6"</del>	<del>B-Line-B2000 ZN Sch. 40 Pipe Clamp</del>					
<del>02</del>	<del>3</del>	<del>4"</del>	<del>B-Line-B2000 ZN Sch. 40 Pipe Clamp</del>					
<del>03</del>	<del>3</del>	<del>2.5"</del>	<del>B-Line-B2000 ZN Sch. 40 Pipe Clamp</del>					
<del>04</del>	<del>2</del>	<del>0.38"</del>	<del>B-Line-B2000 ZN Sch. 40 Pipe Clamp</del>					
01	3	6 1/8"	B-LINE #2110					
02	3	4 1/8"	B-LINE #2054					
03	3	2 7/8"	B-LINE #2014					
04	3	1/2"	B-LINE #2025					



1 ISOMETRIC

SCALE:

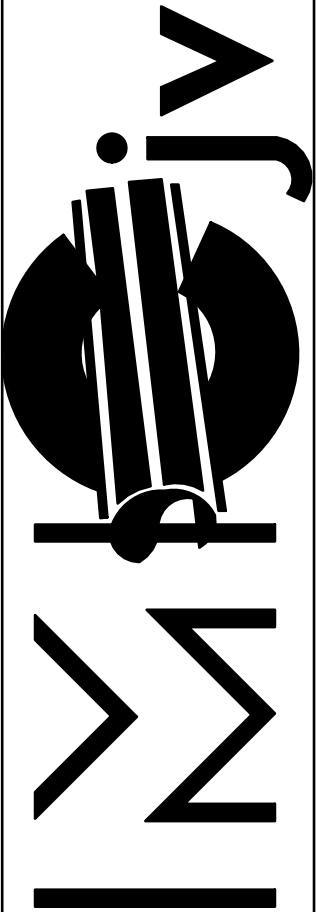


2 TOP VIEW

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

A1	A3	B1	B3
A2	A4	B2	B4

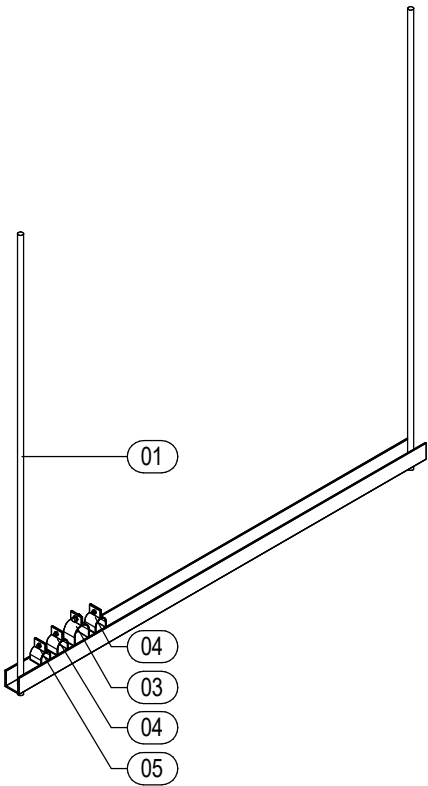
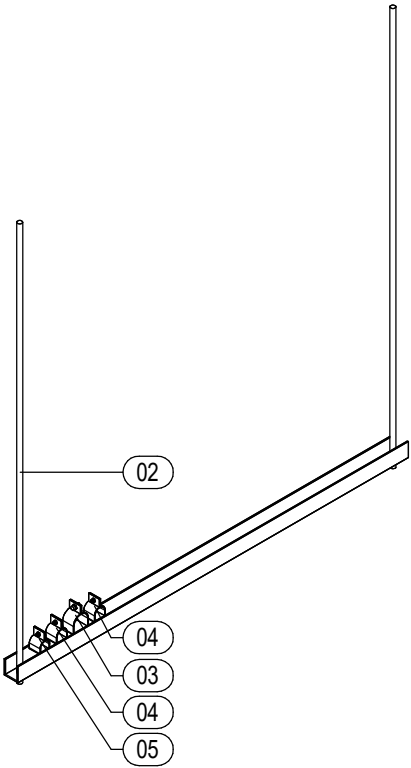
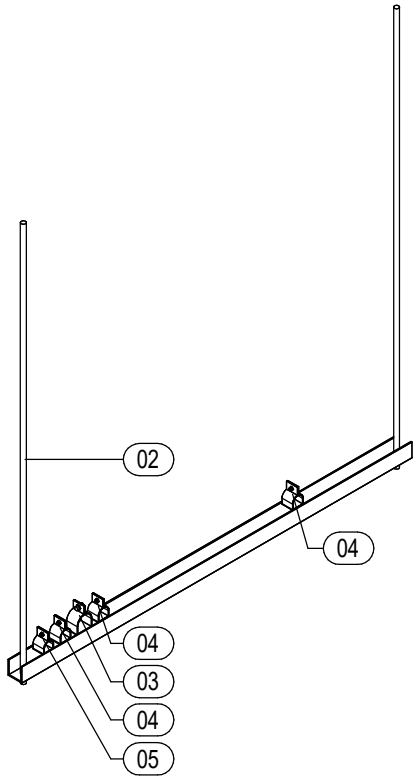
JOB:	WASH U NRB
TICKET:	PPHGR-L03-037
Drawn By: Author	
DATE: 08/12/21	DATE REQ:



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

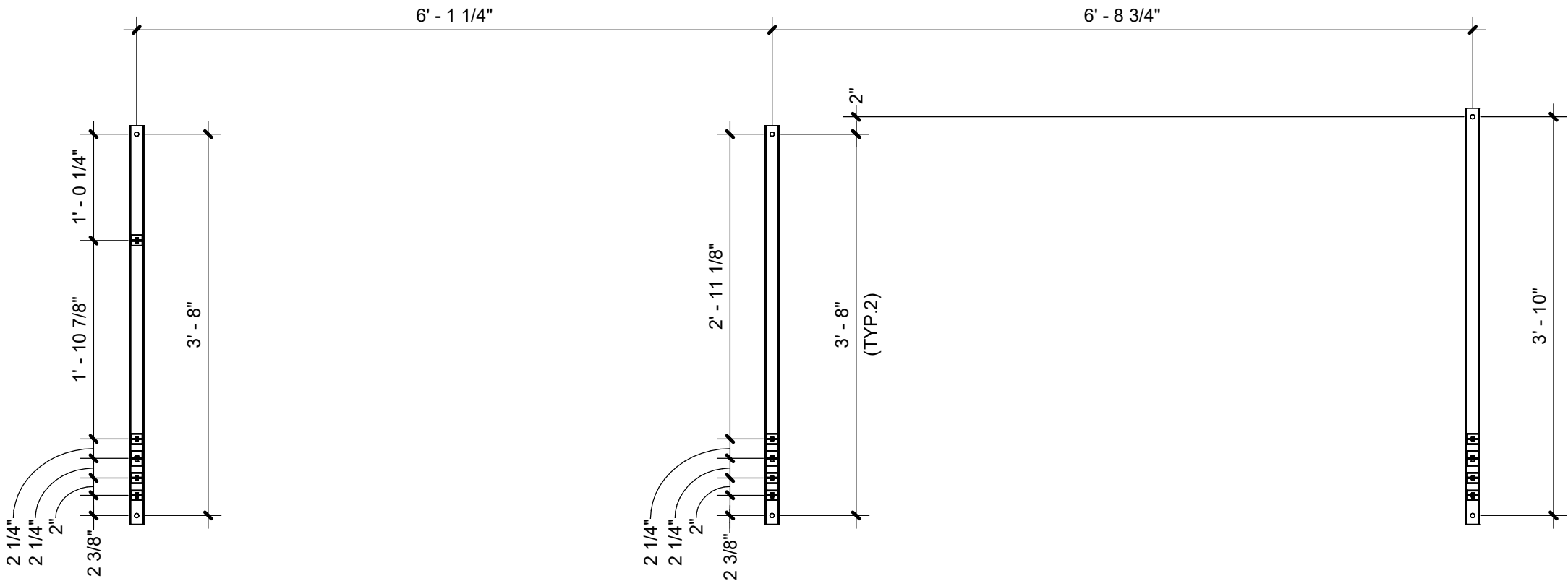
BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
8/20/2021 9:50:36 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	44"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		4' - 0"	3' - 11"	3' - 11"	
02	2	42"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		3' - 10"	3' - 11"	3' - 11"	
03	3	1.25"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"	0"	0"	
04	7	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"	0"	0"	
05	3	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"

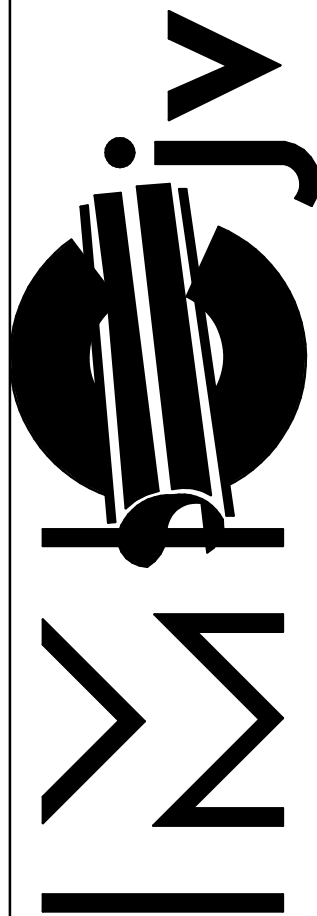
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: PUHGR-L03-037

Drawn By: Author

DATE: 08/11/21 DATE REQ:



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

BIM 360://WUSM NRBWUSM\_RB\_PLF.rvt  
06-08-2021 12:10:51

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	20'-0"				
02	1	1/2"	Swagelok SS316 Compression Union Coupling					

CONNECT TO ADW-L03-036

01

ADW

02

SHIP  
LOOSE

CONNECT TO ADW-L03-038

1

ISOMETRIC

SCALE:

20'-0"

ADW

2

TOP VIEW

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

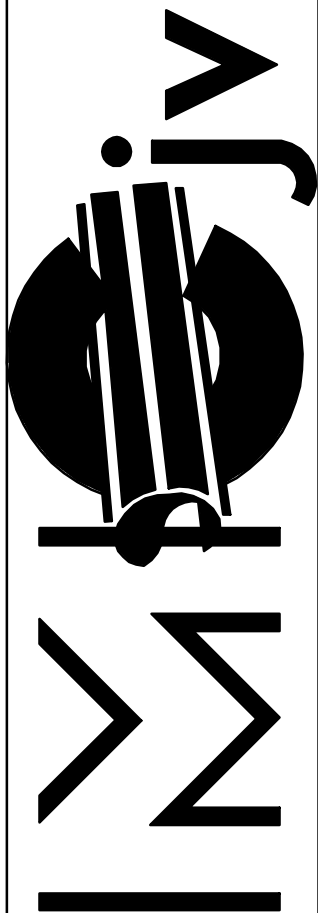
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: ADW-L03-037

Drawn By: Author

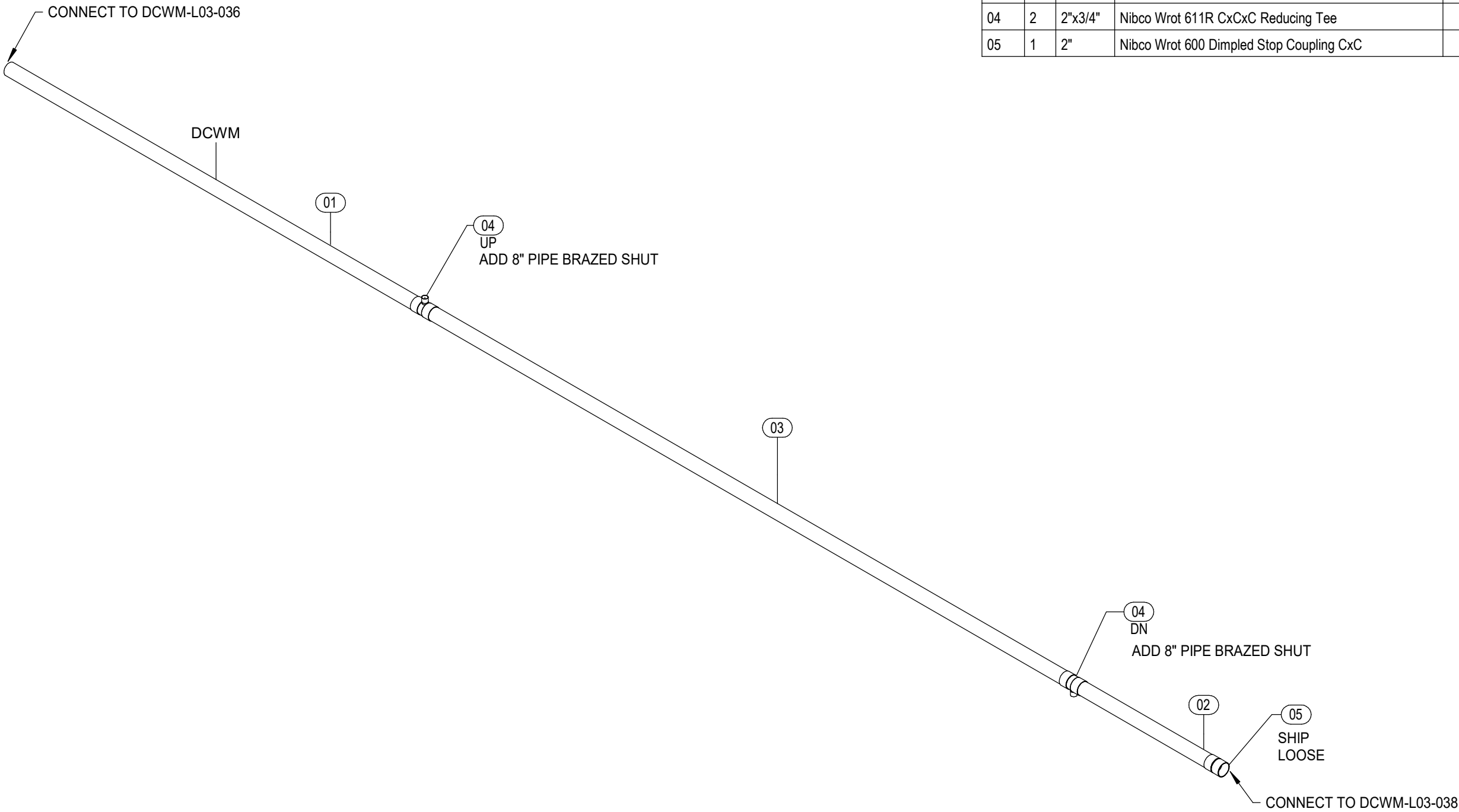
DATE: 08/06/21 DATE REQ:



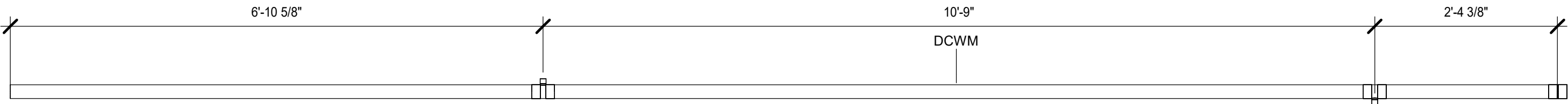
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB/WUSM RB\_PLF.rvt  
8/19/2021 1:32:01 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe	6'-10 3/16"				1"
02	1	2"	Cerro Type L Hard Copper Pipe	2'-3 7/8"				1"
03	1	2"	Cerro Type L Hard Copper Pipe	10'-8 1/16"				1"
04	2	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
05	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



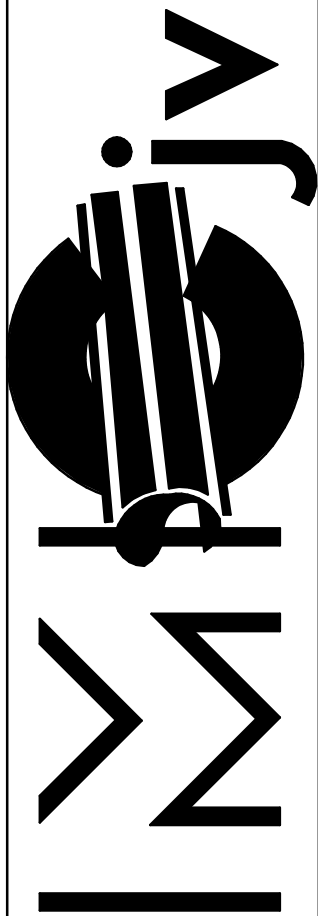
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

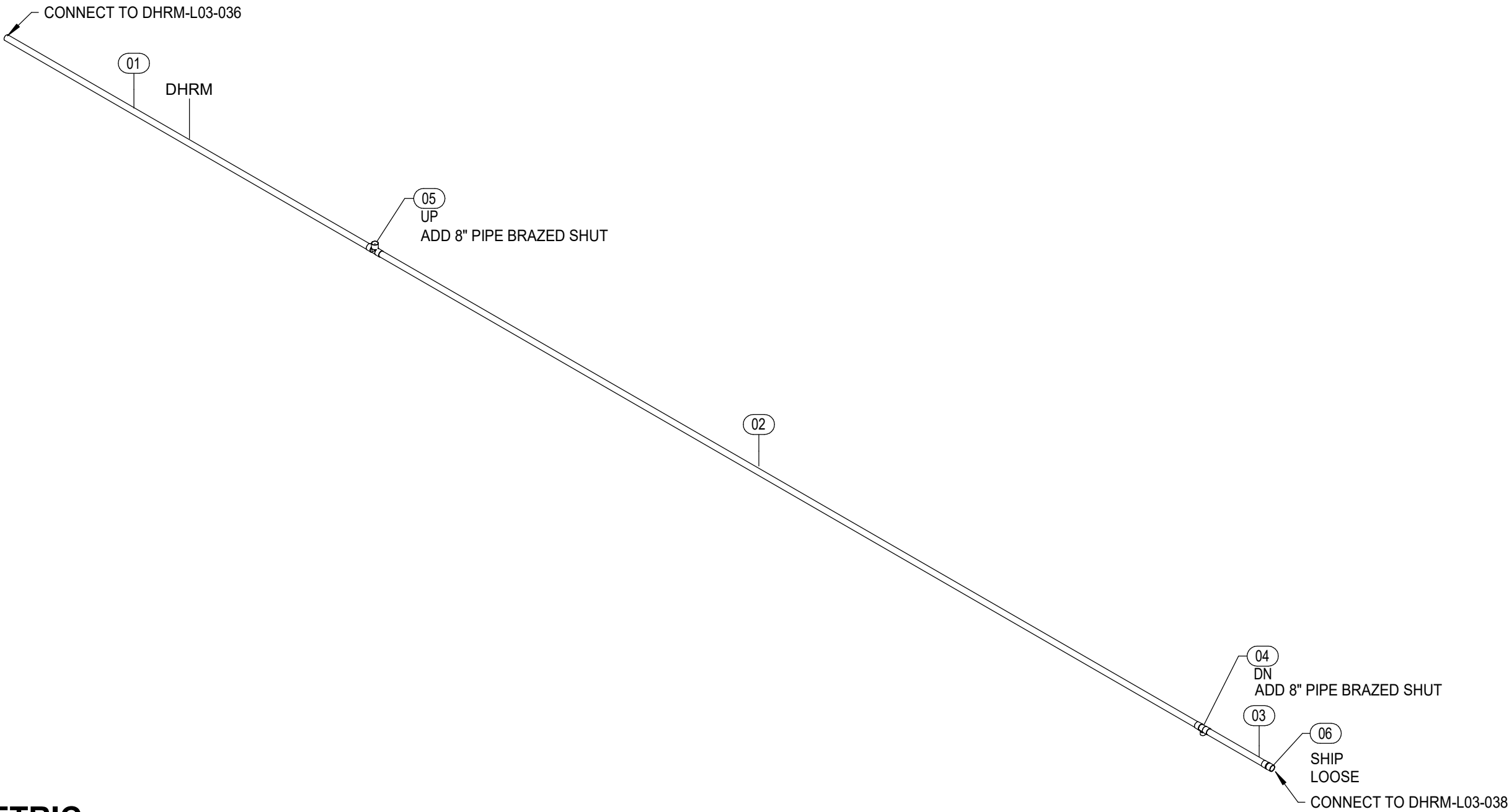
JOB:	WASH U NRB
TICKET:	DCWM-L03-037
Drawn By:	Author
DATE:	08/06/21
DATE REQ:	



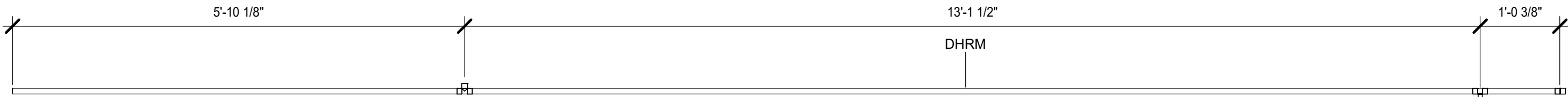
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB/WUSM RB\_PLF.rvt  
8/19/2021 1:23:48 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe	5'-9 11/16"				1"
02	1	3/4"	Cerro Type L Hard Copper Pipe	13'-0 5/8"				1"
03	1	3/4"	Cerro Type L Hard Copper Pipe	1'-0"				1"
04	1	3/4"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee					1"
05	1	3/4"	Nibco Wrot 611 CxCxC Tee					1"
06	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



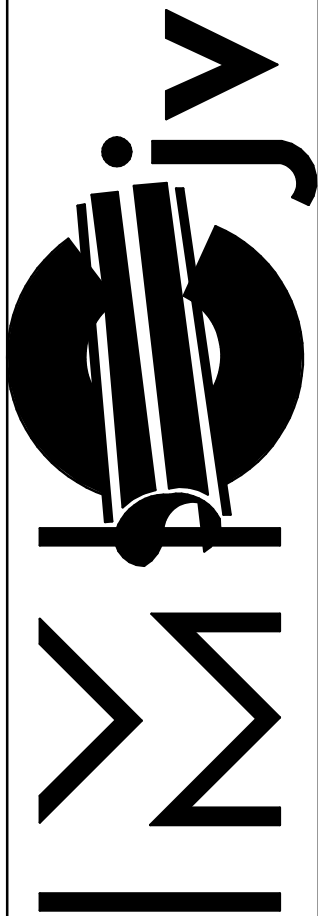
1 ISOMETRIC  
SCALE:



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

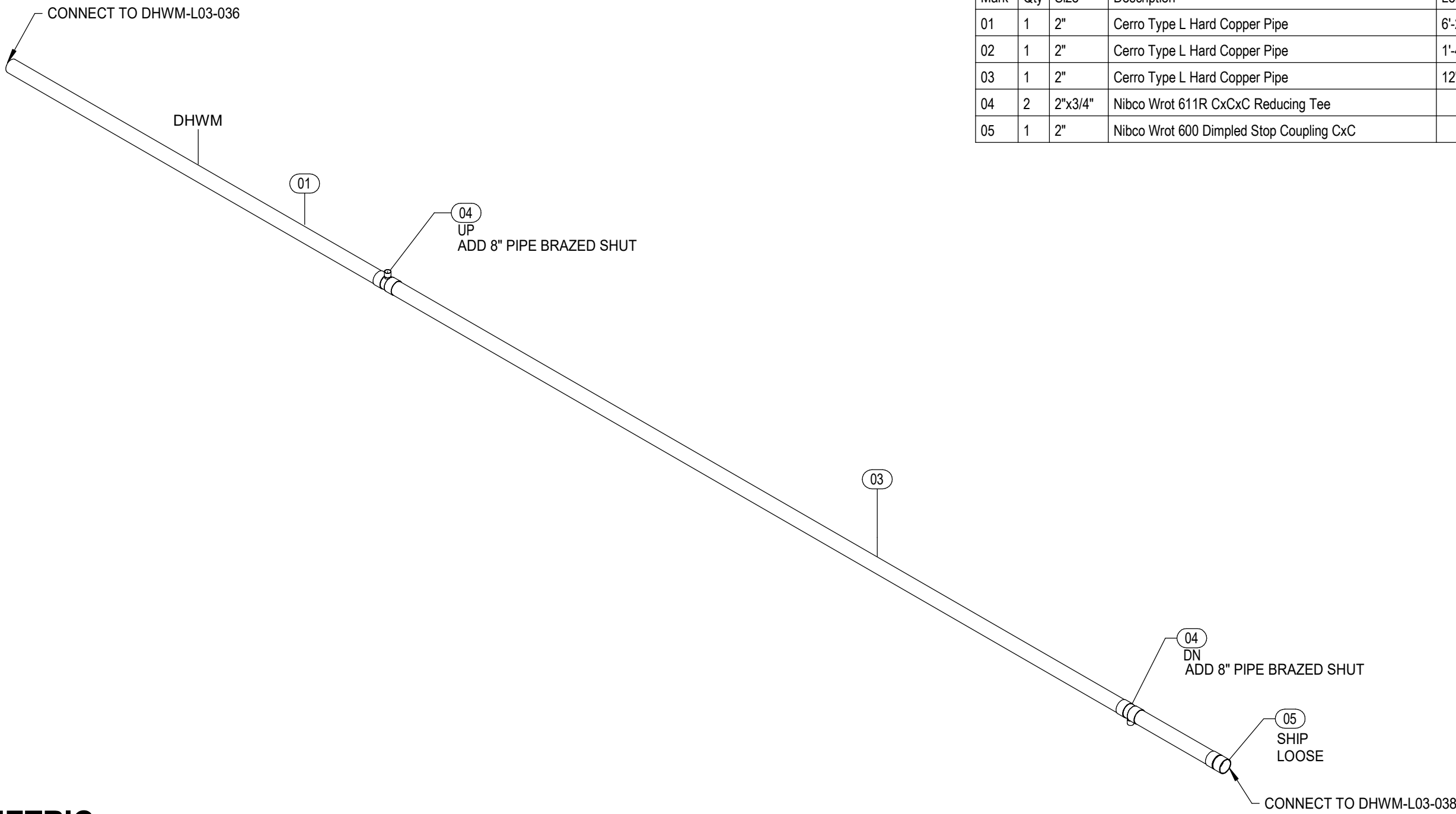
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB	TICKET: DHRM-L03-037	Drawn By: Author	DATE REQ: 08/06/21
-----------------	----------------------	------------------	--------------------



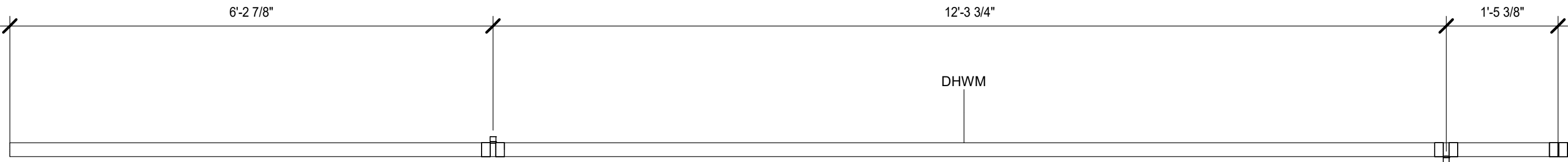
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_PLF.rvt  
8/19/2021 1:24:54 PM



Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe	6'-2 7/16"				2"
02	1	2"	Cerro Type L Hard Copper Pipe	1'-4 7/8"				2"
03	1	2"	Cerro Type L Hard Copper Pipe	12'-2 13/16"				2"
04	2	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					2"
05	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"

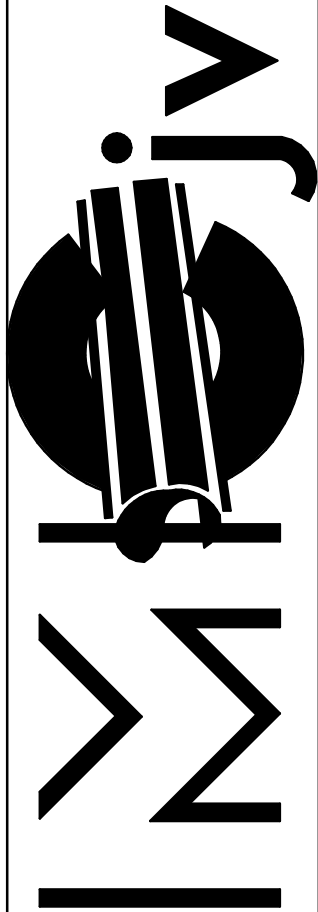
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

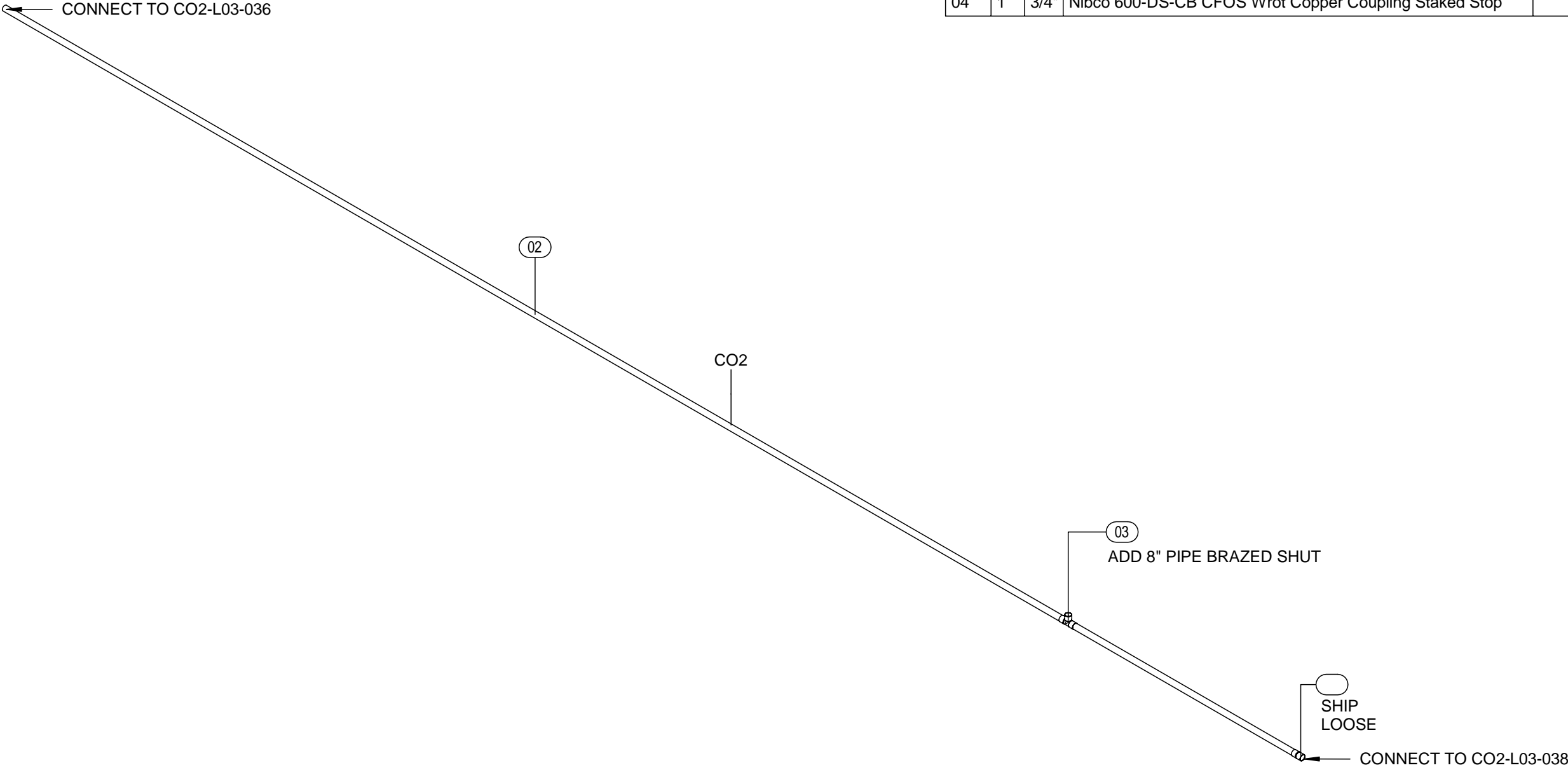
JOB:	WASH U NRB
TICKET:	DHWM-L03-037
Drawn By: Author	
DATE: 08/06/21	DATE REQ:



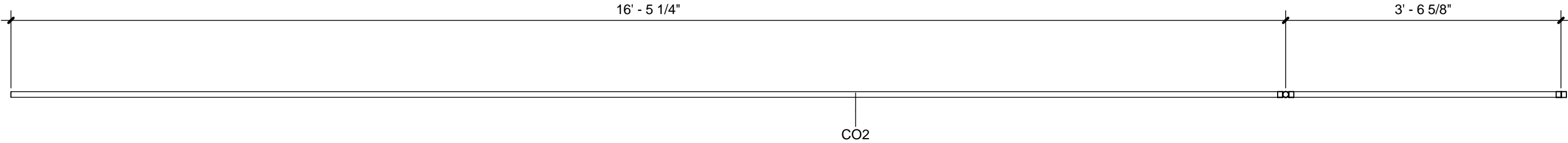
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
13-08-2021 17:34:01

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-6 1/8"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	16'-4 13/16"				
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					



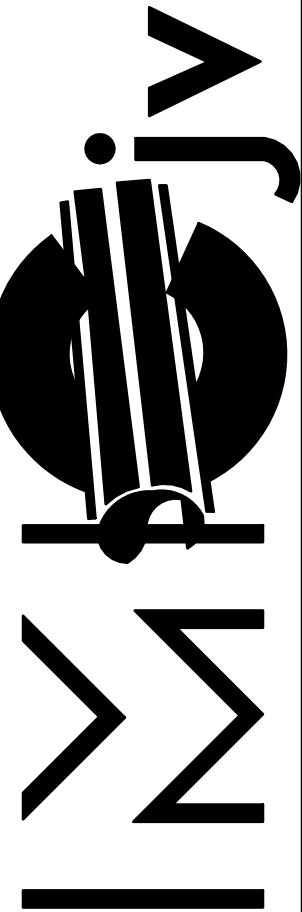
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	CO2-L03-037
Drawn By: Author	
DATE: 08/13/21	DATE REQ:



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



BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
13-08-2021 18:07:09

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	18'-9"				
02	1	1/2"	Cerro Type L Hard Copper - CFOS	1'-2 3/16"				
03	1	1/2"	Nibco 611-CB CFOS Wrot Copper Tee					
04	1	1/2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					

CONNECT TO LA-L03-036

01

LA

02

03

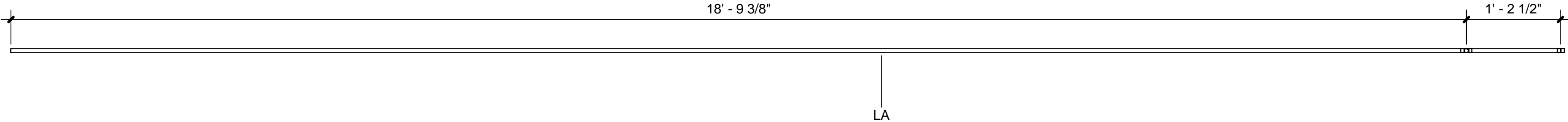
UP  
ADD 8" PIPE BRAZED SHUT

04

SHIP  
LOOSE

CONNECT TO LA-L03-038

1 ISOMETRIC  
SCALE:



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

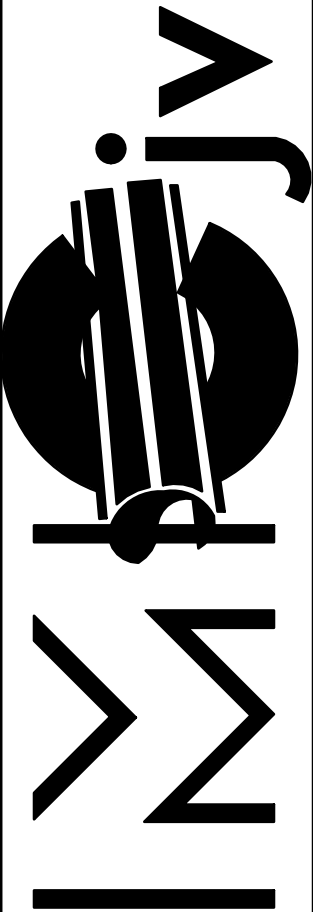
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: LA-L03-037

Drawn By: Author

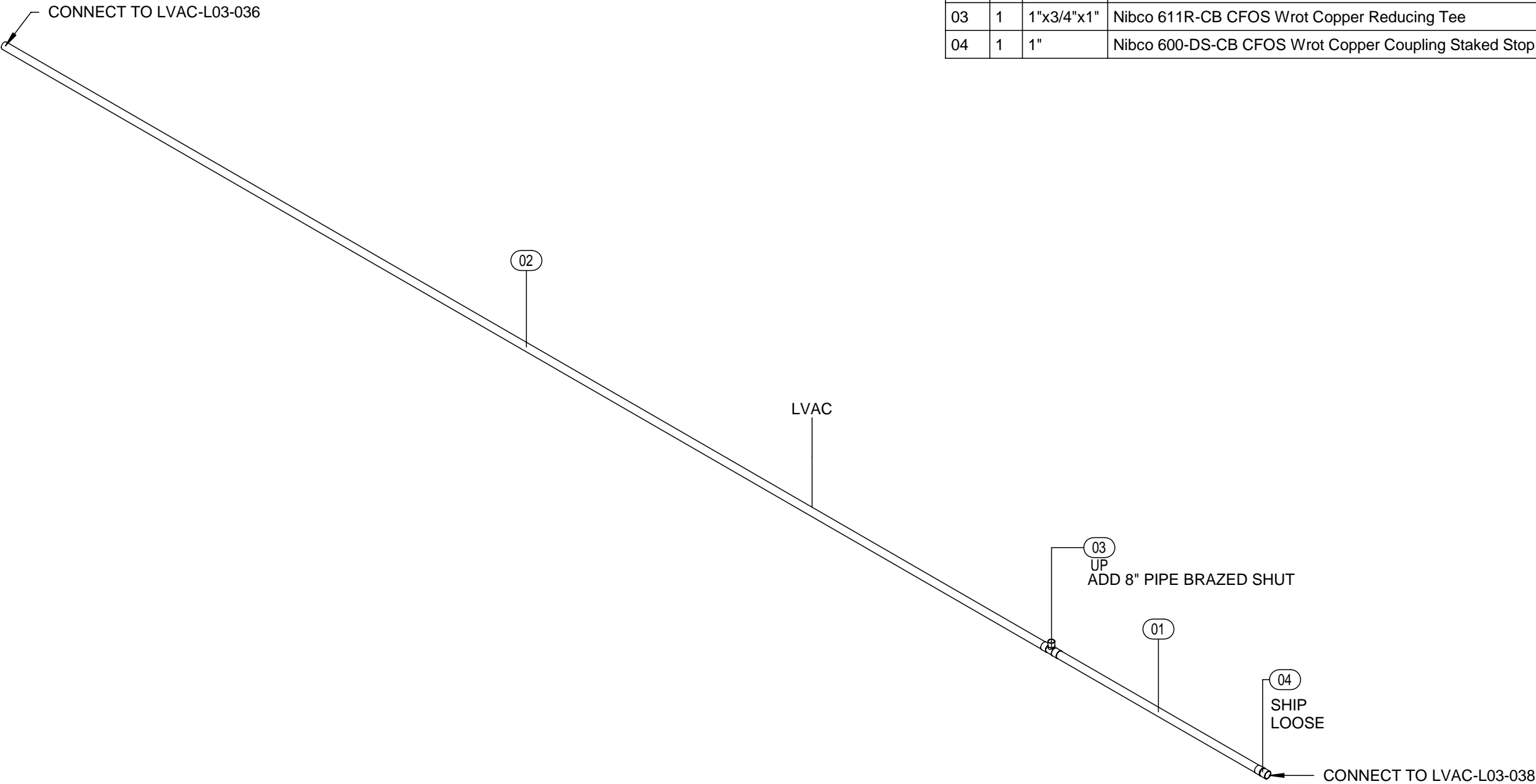
DATE REQ: 08/13/21



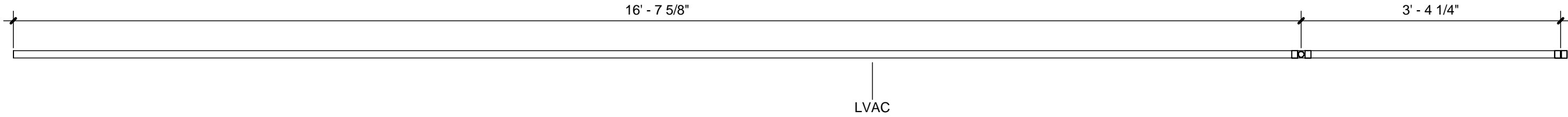
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
13-08-2021 17:22:48

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1"	Cerro Type L Hard Copper - CFOS	3'-3 5/8"				
02	1	1"	Cerro Type L Hard Copper - CFOS	16'-7 1/8"				
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					



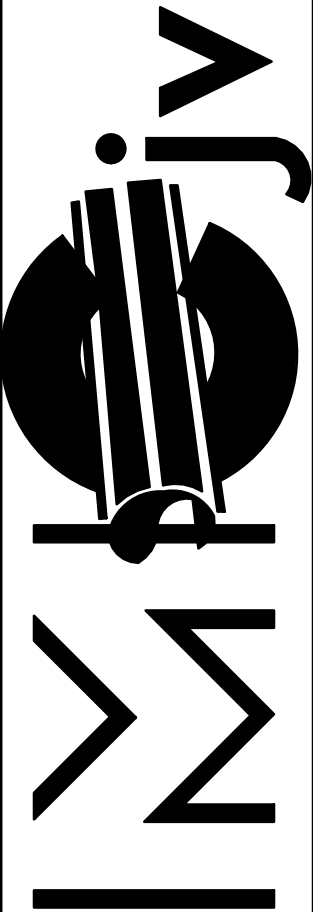
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

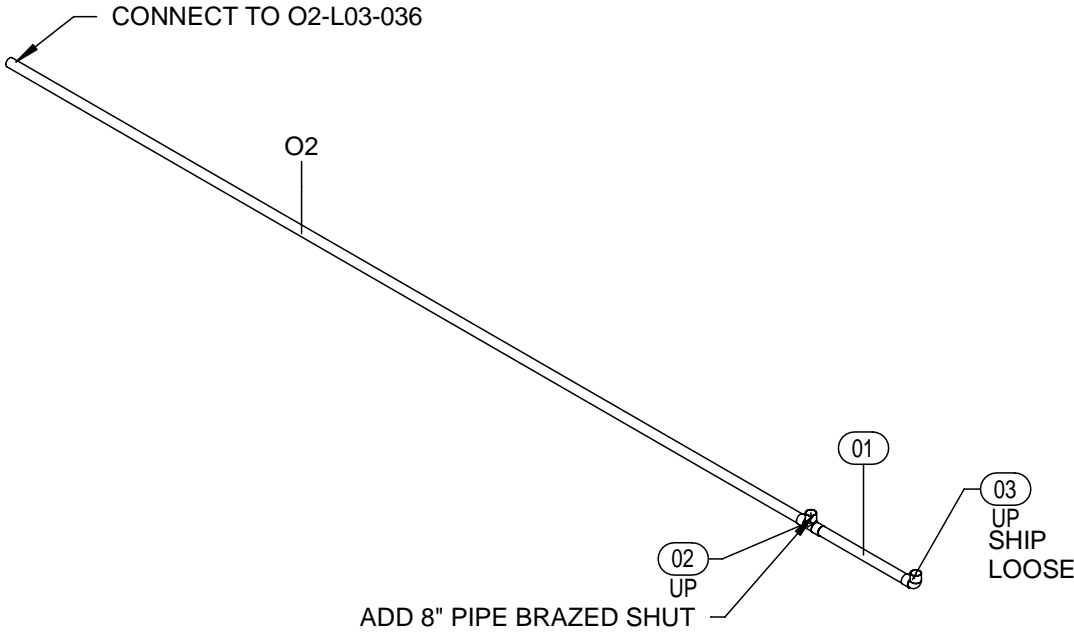
JOB:	WASH U NRB
TICKET:	LVAC-L03-037
Drawn By: Author	
DATE: 08/13/21	DATE REQ:



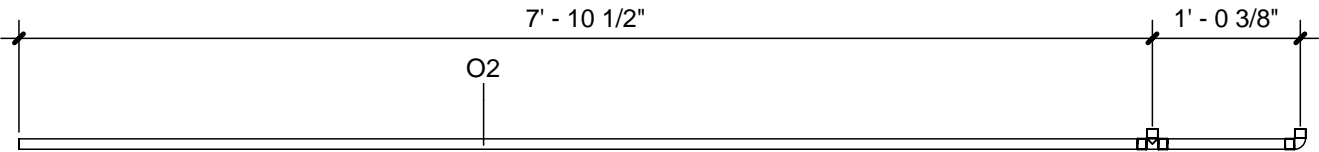
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
12-08-2021 15:33:05

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-11 5/16"				
02	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee					
03	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					



1 ISOMETRIC  
SCALE:



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

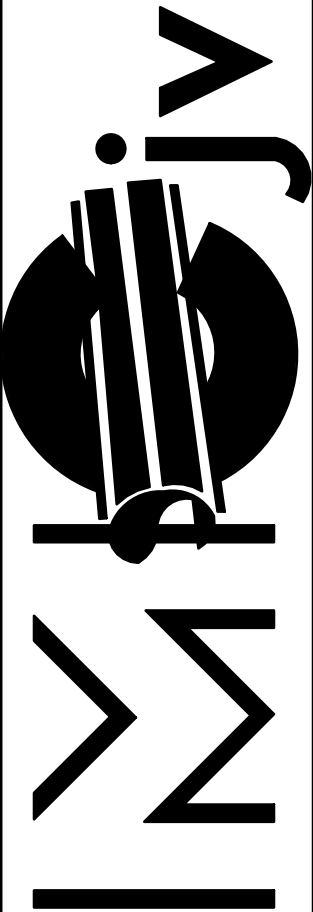
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: O2-L03-037

Drawn By: Author

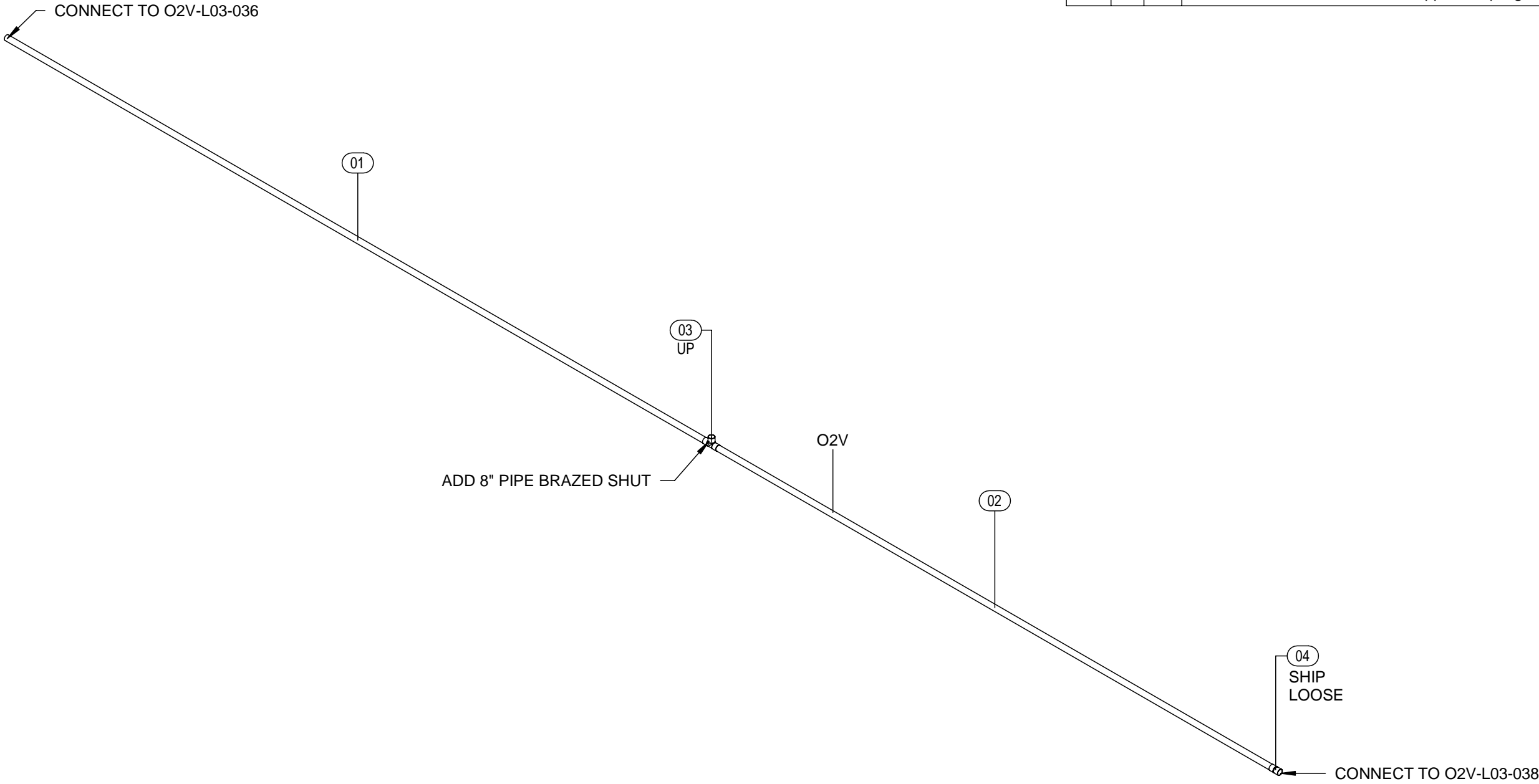
DATE REQ: 08/12/21



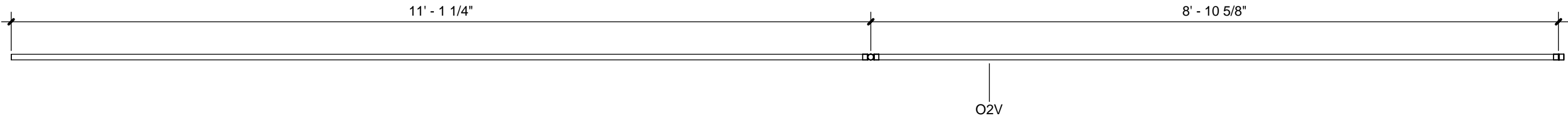
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
13-08-2021 16:27:56

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	11'-0 3/4"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	8'-10 1/8"				
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					



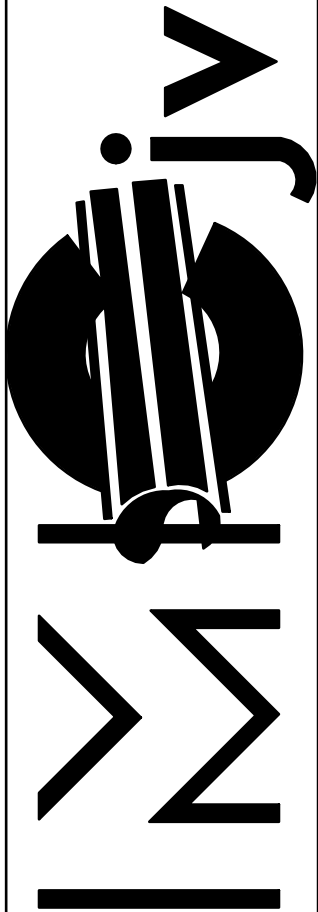
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB  
TICKET: O2V-L03-037  
Drawn By: Author  
DATE: 08/13/21  
DATE REQ:



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