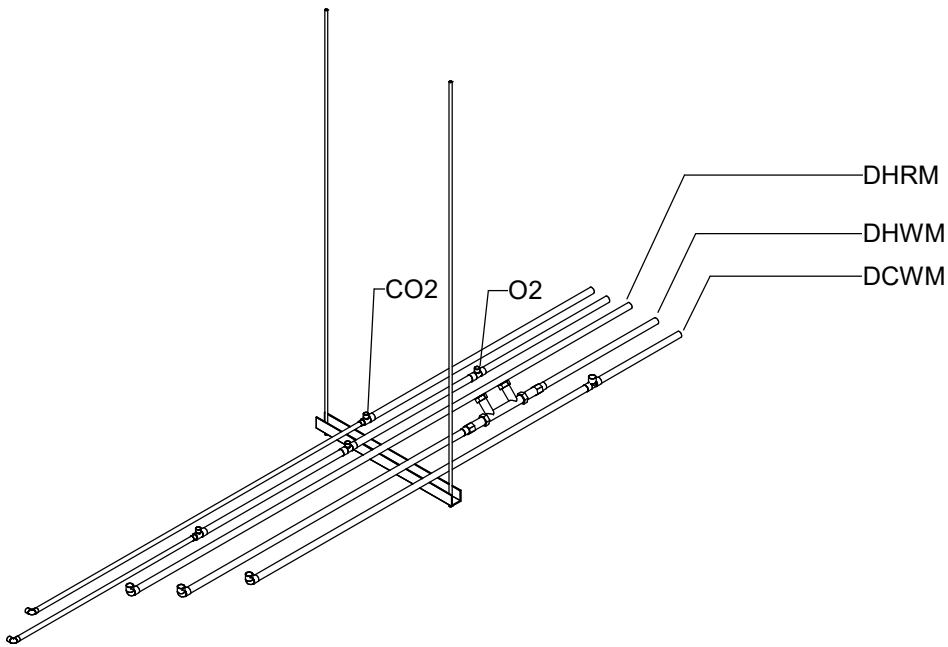
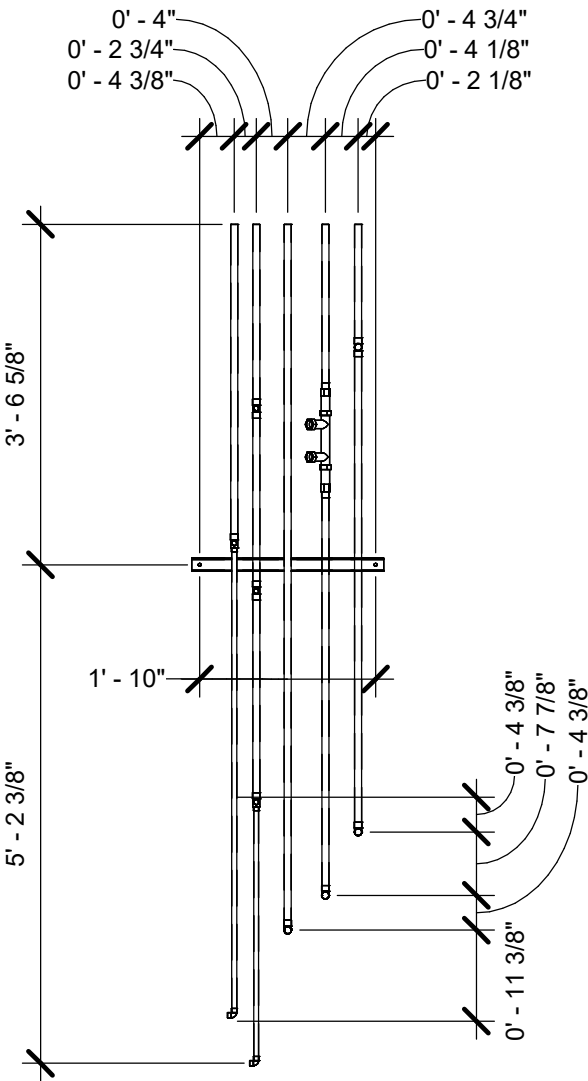


BIM 360//WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
8/30/2021 9:20:09 AM



CUT AND PACKAGE ONLY
DO NOT ASSEMBLE

2 AS-L03-044 - ISOMETRIC
AS-L03-044 SCALE:



1 AS-L03-044
AS-L03-044 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

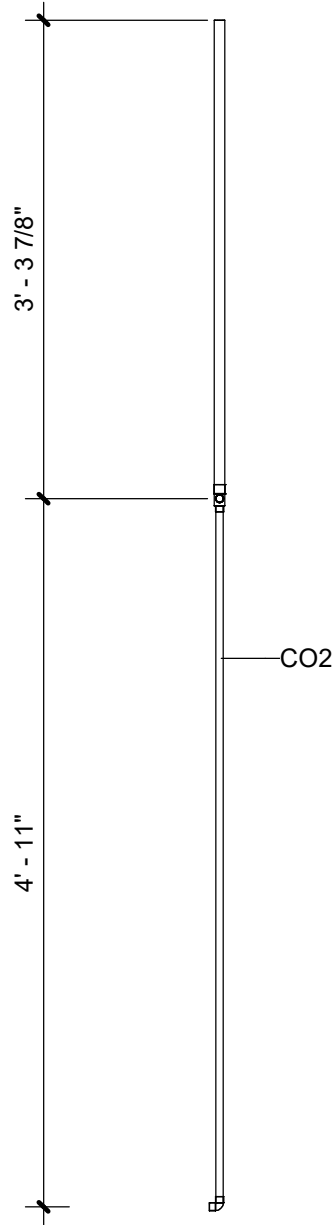


1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

JOB:	WASH U NRB
TICKET:	AS-L03-044
Drawn By: Author	
DATE: 08/09/21	DATE REQ:

BIM 360://WUSM NRB\\WUSM_RB_PUF.rvt
8/31/2021 9:30:48 AM

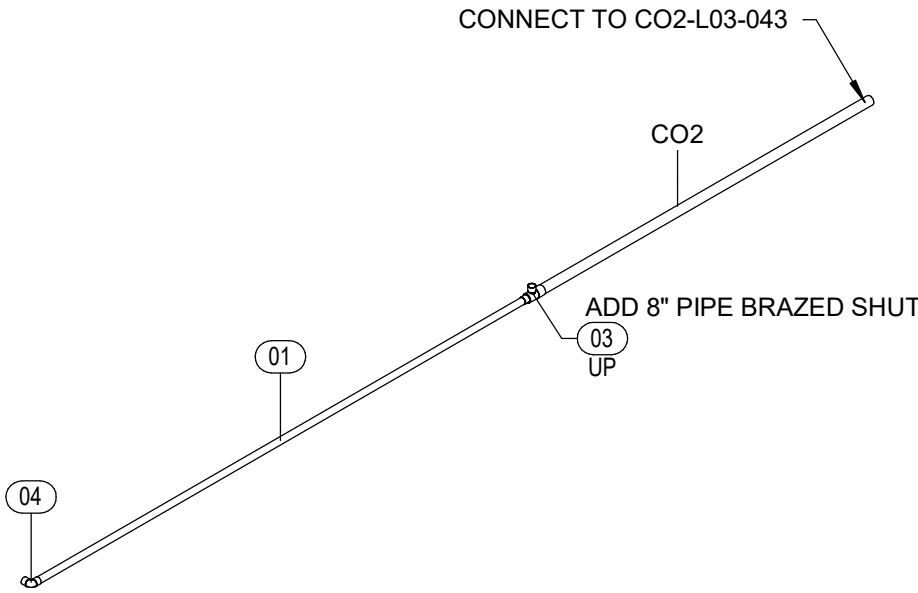
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation	Strut Width
01	1	1/2"	Cerro Type L Hard Copper - CFOS	4'-10 1/8"					
02	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-3 7/16"					
03	1	3/4"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee						
04	1	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow						



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

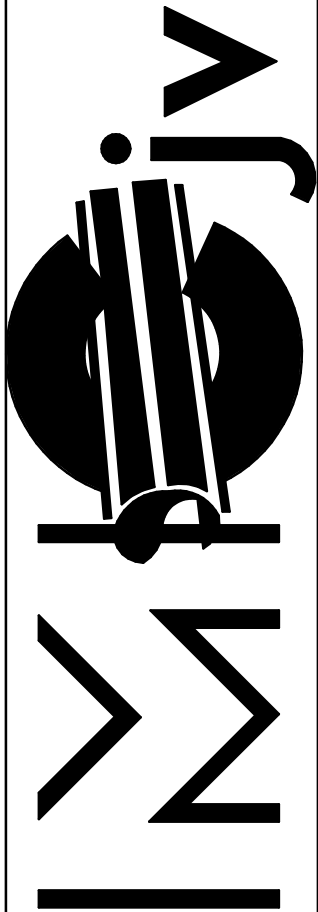
SHIP
LOOSE

1 ISOMETRIC
SCALE:



A1	A3	B1	B3
A2	A4	B2	B4

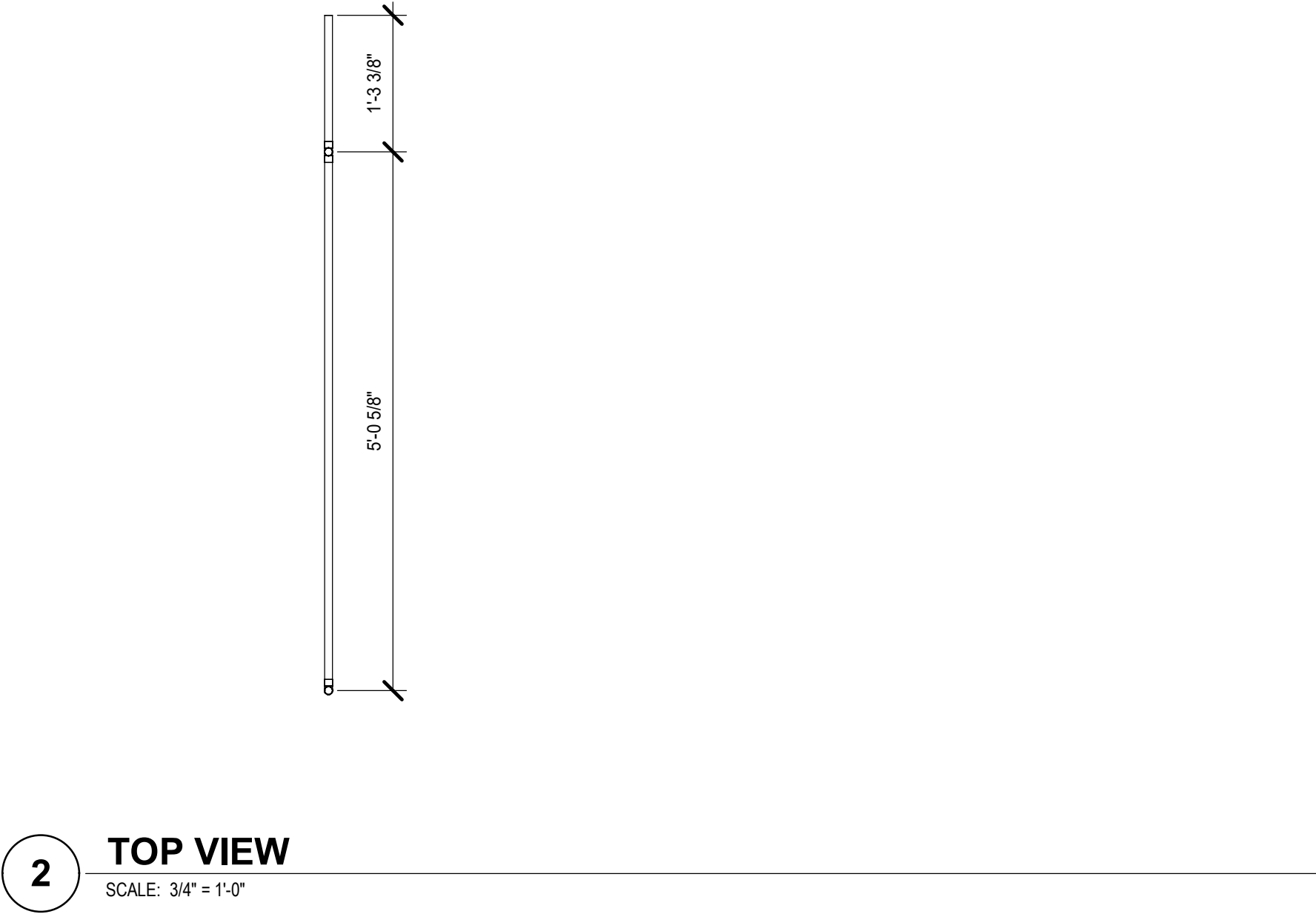
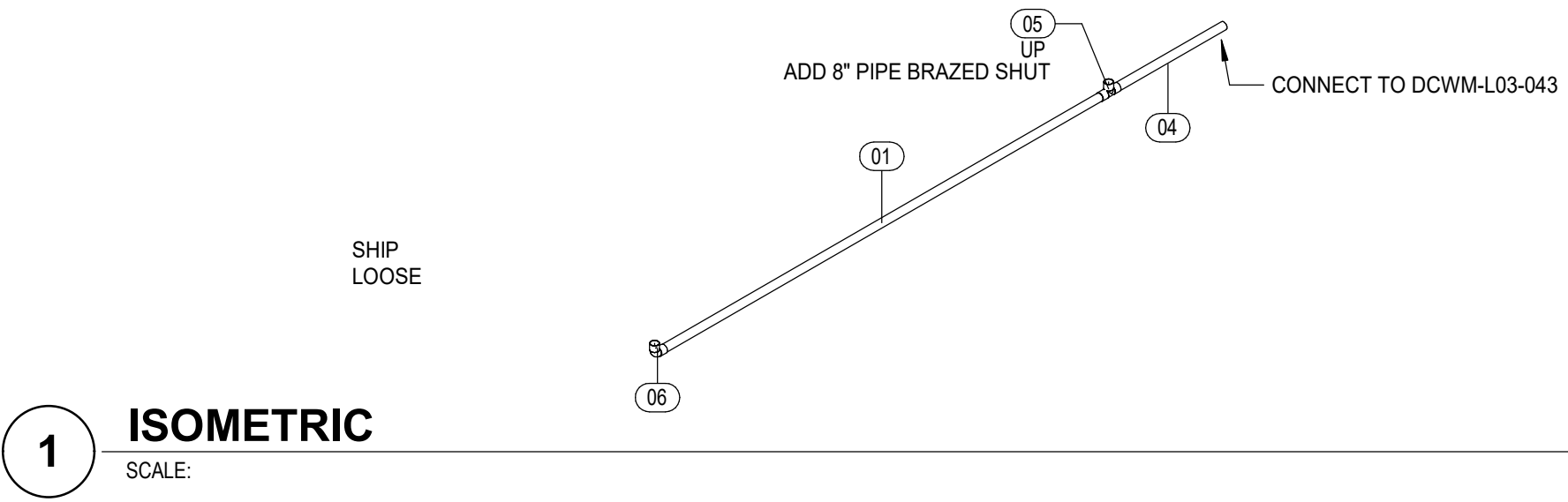
JOB:	WASH U NRB
TICKET:	CO2-L03-044
Drawn By: Author	
DATE: 08/17/21	DATE REQ:



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

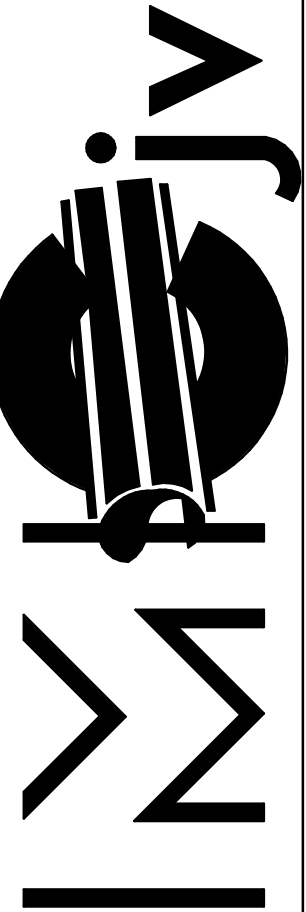
BIM 360://WUSM NRBWUSM_RB_PLF.rvt
8/31/2021 9:25:54 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe	4'-11 11/16"				1/2"
02	1	3/4"	Cerro Type L Hard Copper Pipe	0'-4"				1/2"
03	1	3/4"	Cerro Type L Hard Copper Pipe	2'-1 7/8"				1/2"
04	1	3/4"	Cerro Type L Hard Copper Pipe	1'-2 15/16"				1/2"
05	1	3/4"	Nibco Wrot 611 CxCxC Tee					1/2"
06	3	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1/2"



A1	A3	B1	B3
A2	A4	B2	B4

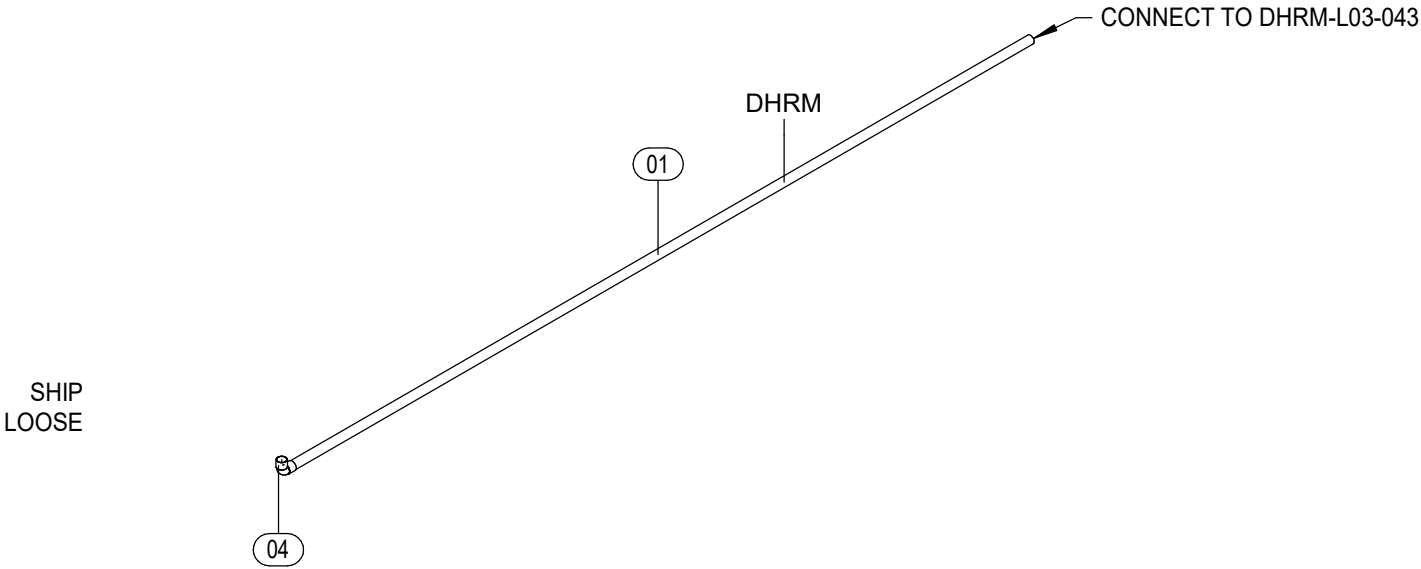
JOB:	WASH U NRB
TICKET:	DCWM-L03-044
Drawn By: Author	
DATE: 08/09/21	DATE REQ:



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

BIM 360://WUSM NRB/WUSM RB_PLF.rvt
8/31/2021 9:36:19 AM

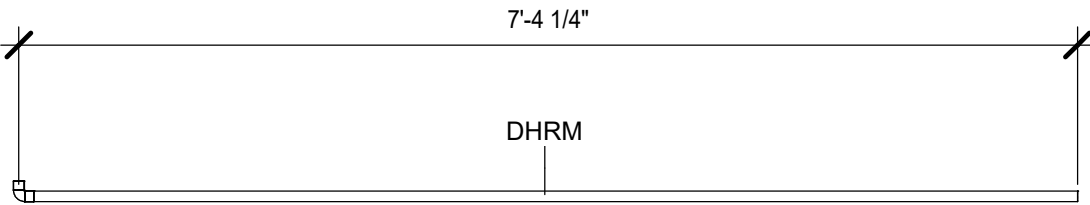
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe	7'-3 3/4"				1"
02	1	3/4"	Cerro Type L Hard Copper Pipe	0'-4 1/2"				1"
03	1	3/4"	Cerro Type L Hard Copper Pipe	1'-5"				1"
04	3	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"



1

ISOMETRIC

SCALE:



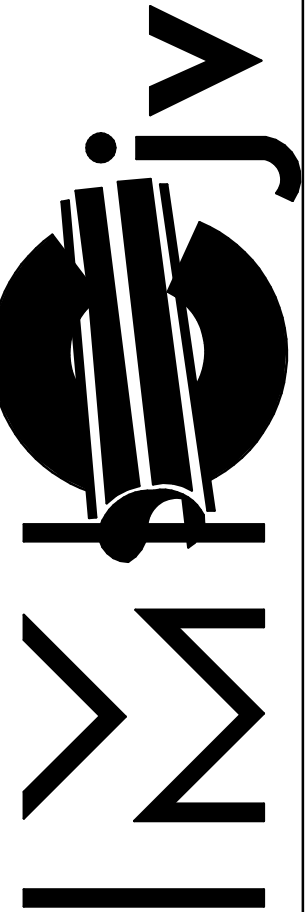
2

RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

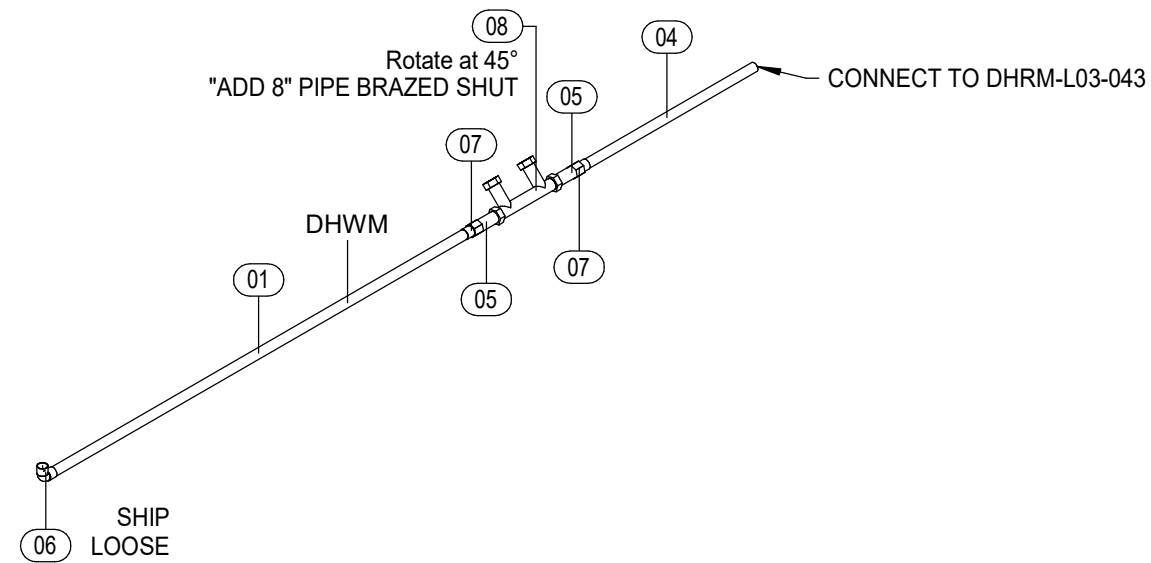
JOB:	WASH U NRB
TICKET:	DHRM-L03-044
Drawn By: Author	
DATE: 08/09/21	DATE REQ:



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

8/31/2021 9:37:27 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe	4'-2"				1"
02	1	3/4"	Cerro Type L Hard Copper Pipe	0'-4 1/2"				1"
03	1	3/4"	Cerro Type L Hard Copper Pipe	1'-9 5/8"				1"
04	1	3/4"	Cerro Type L Hard Copper Pipe	1'-8 9/16"				1"
05	2	3/4"	Victaulic No.647 TT Dielectric Transition Fitting					1"
06	3	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
07	2	3/4"	Nibco Wrot 603 Adapter CxF					1"
08	1	3/4"	Kemper Kemper Fig651 20 KHS Flow-Splitter FPT					1"



1 ISOMETRIC



2 RIGHT ELEVATION

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

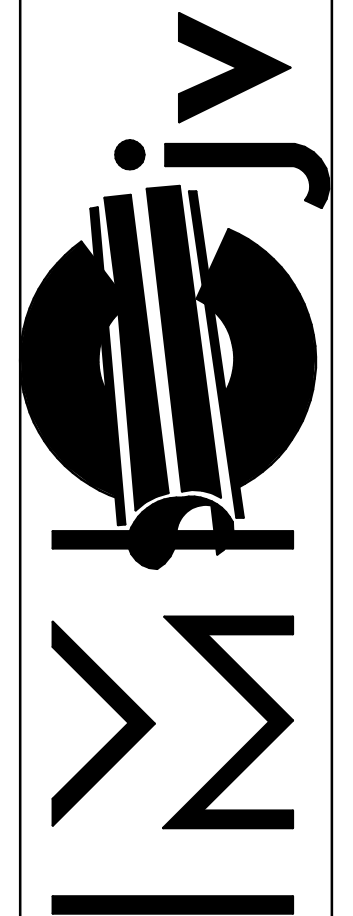
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: DHWM-L03-044

Drawn By: Author

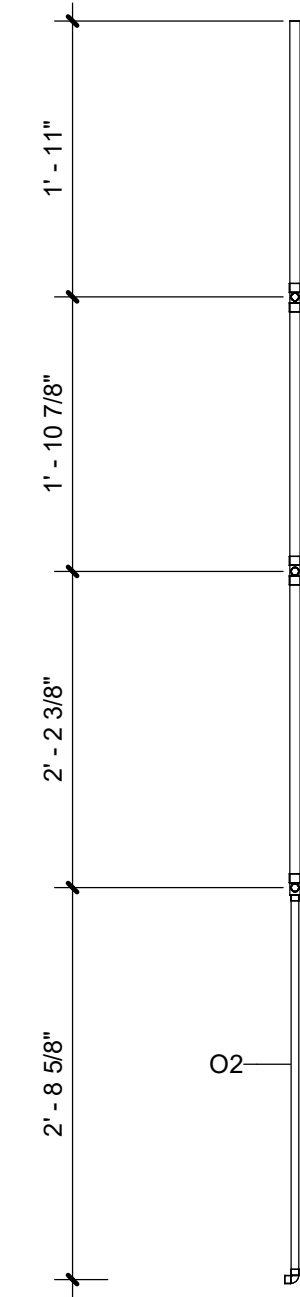
DATE: 08/09/21	DATE REQ:
----------------	-----------



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

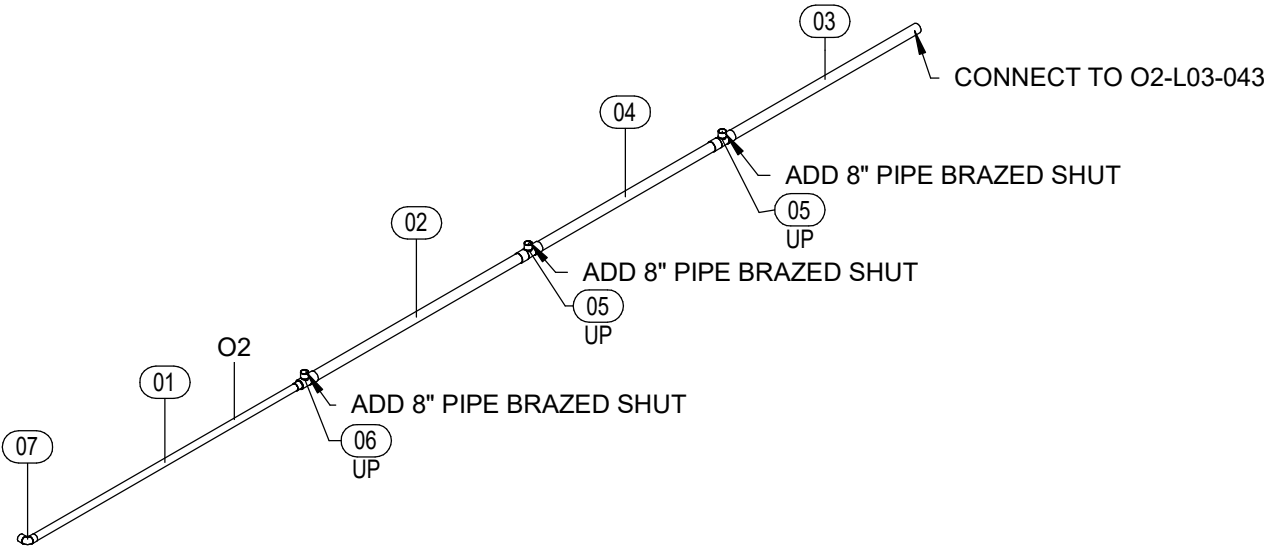
BIM 360://WUSM NRBWUSM_RB_PUF.rvt
8/31/2021 9:32:23 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation	Strut Width
01	1	1/2"	Cerro Type L Hard Copper - CFOS	2'-7 3/4"					
02	1	3/4"	Cerro Type L Hard Copper - CFOS	2'-1 9/16"					
03	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-10 5/8"					
04	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-9 7/8"					
05	2	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee						
06	1	3/4"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee						
07	1	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow						



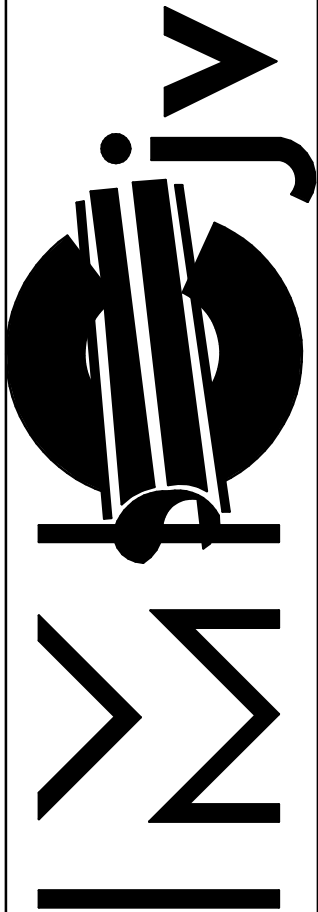
2 TOP VIEW
SCALE: 3/4" = 1'-0"

SHIP
LOOSE
1 ISOMETRIC
SCALE:



A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: O2-L03-044
Drawn By: Author
DATE: 08/17/21 DATE REQ:

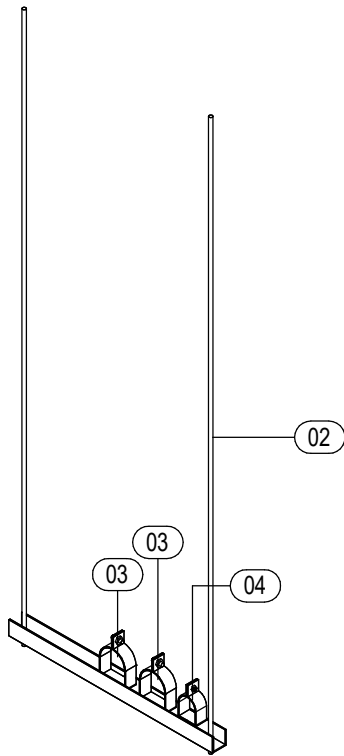


1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

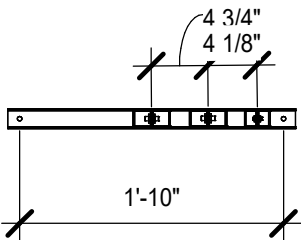
BIM 360://WUSM NRB/WUSM RB_PLF.rvt
8/31/2021 9:26:06 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	26"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut		2'-6"	3'-8"	5'-0"	
02	1	20"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut		2'-0"	5'-5"	5'-5"	
03	1	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
04	2	1.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					

03	2	2 7/8"	B-LINE #2014
04	1	1 7/8"	B-LINE #2012



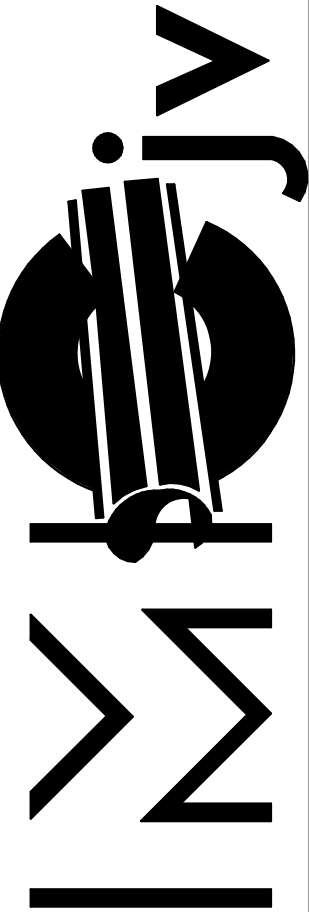
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

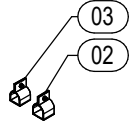
JOB:	WASH U NRB
TICKET:	PPHGR-L03-044
Drawn By: Author	
DATE: 08/12/21	DATE REQ:



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

BIM 360://WUSM NRB\\WUSM_RB_PUF.rvt
8/31/2021 9:33:48 AM

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



1

ISOMETRIC

SCALE:



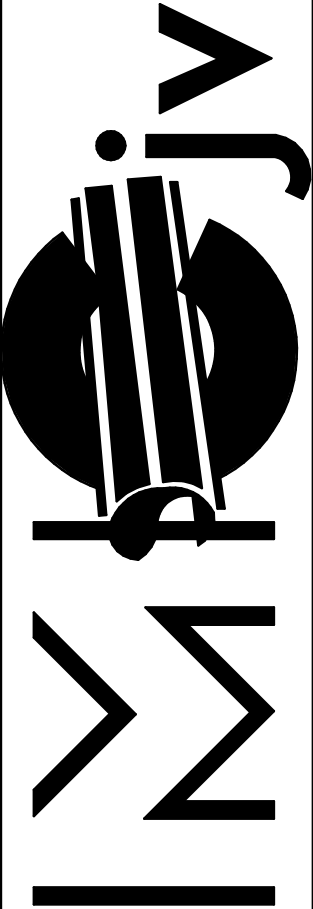
2

TOP VIEW

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PUHGR-L03-044
Drawn By: Author	
DATE: 08/16/21	DATE REQ:



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