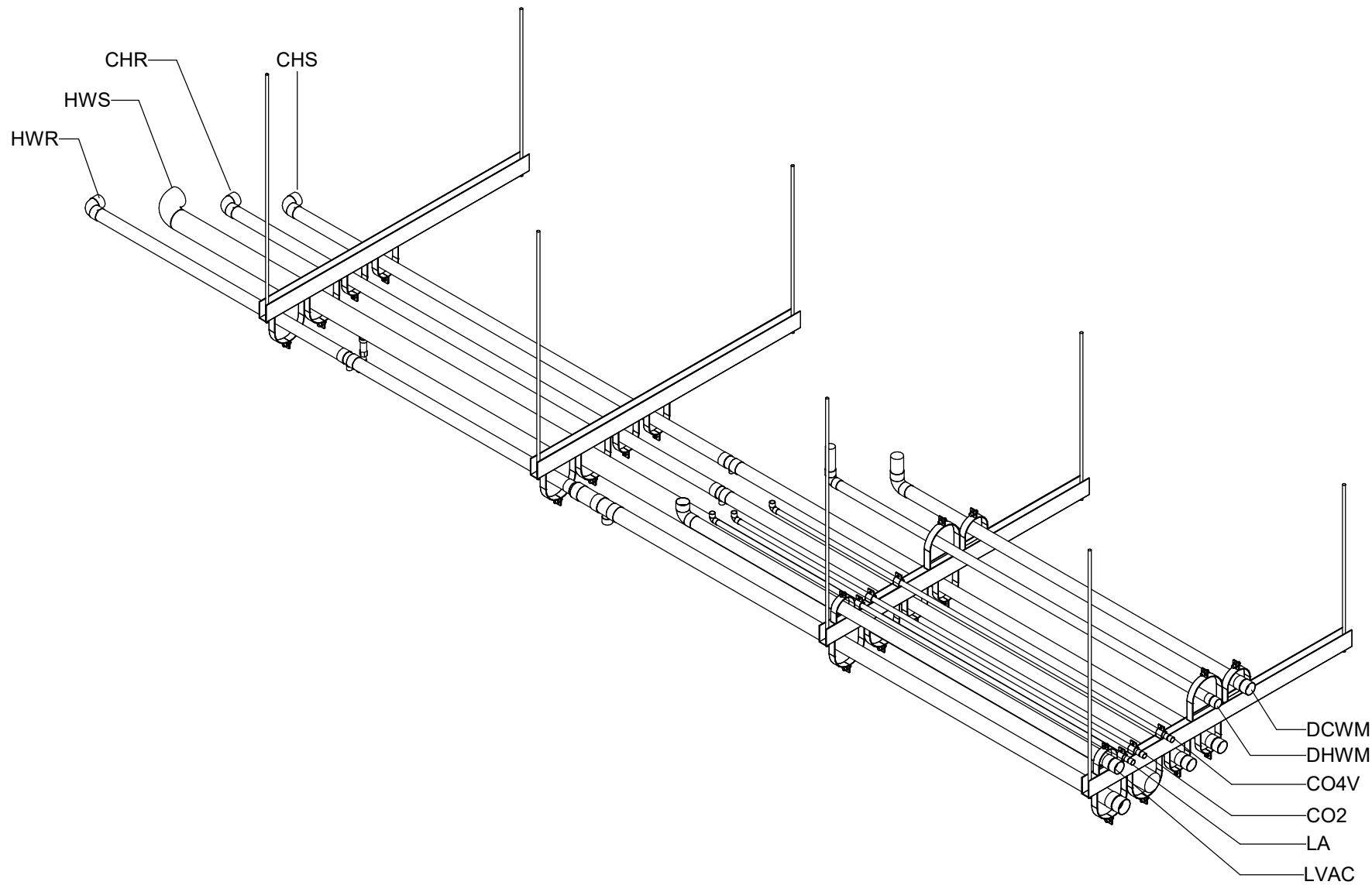
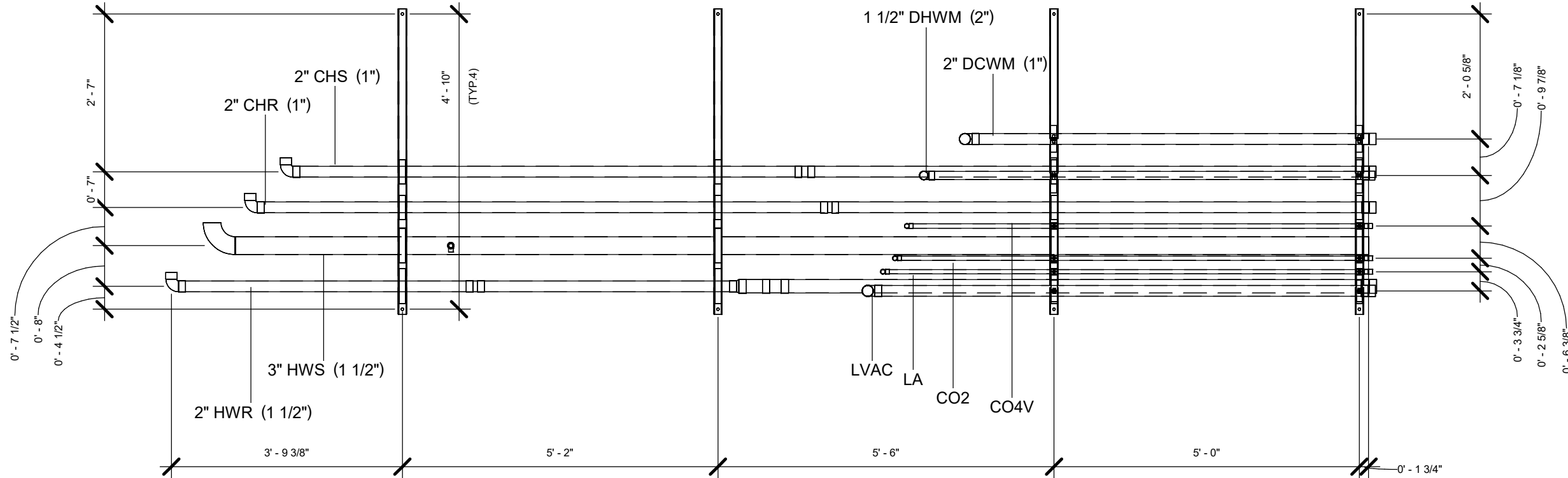


BIM 360/WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
9/22/2021 9:08:22 AM



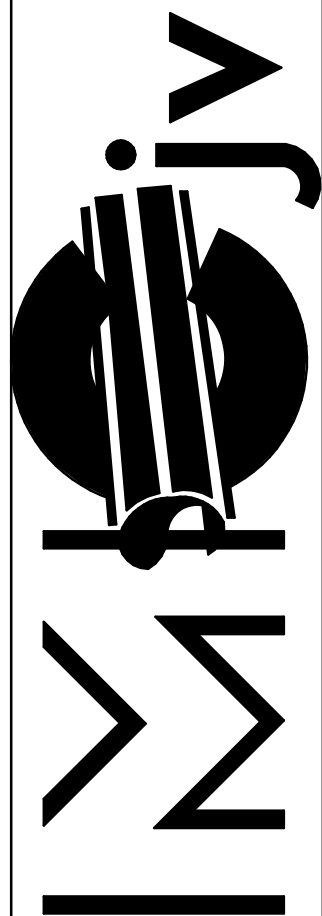
2 AS-L03-008 - ISOMETRIC
AS-L03-008 SCALE:



1 AS-L03-008
AS-L03-008 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: AS-L03-008
Drawn By: Author
DATE: 08/09/21
DATE REQ:

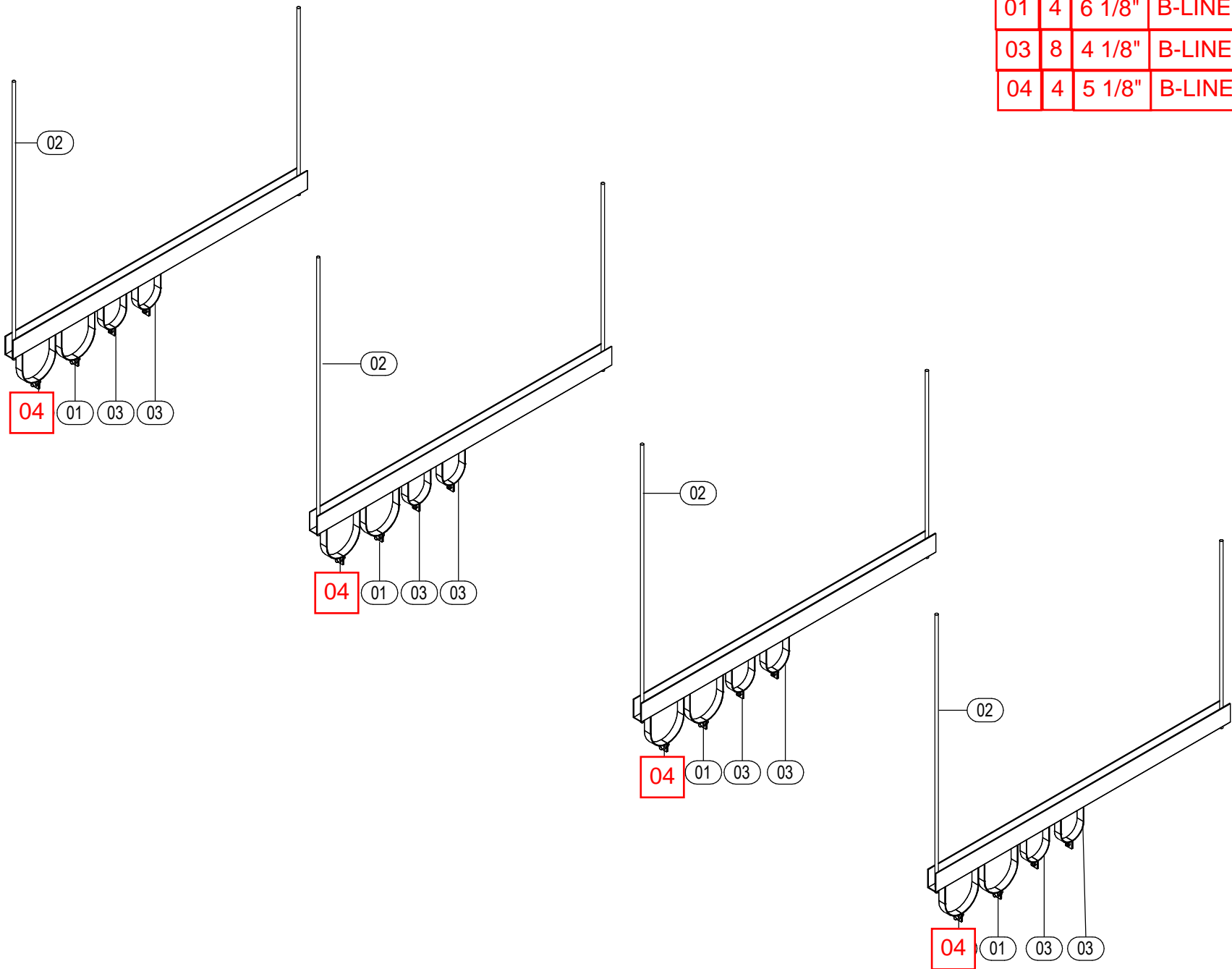


1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

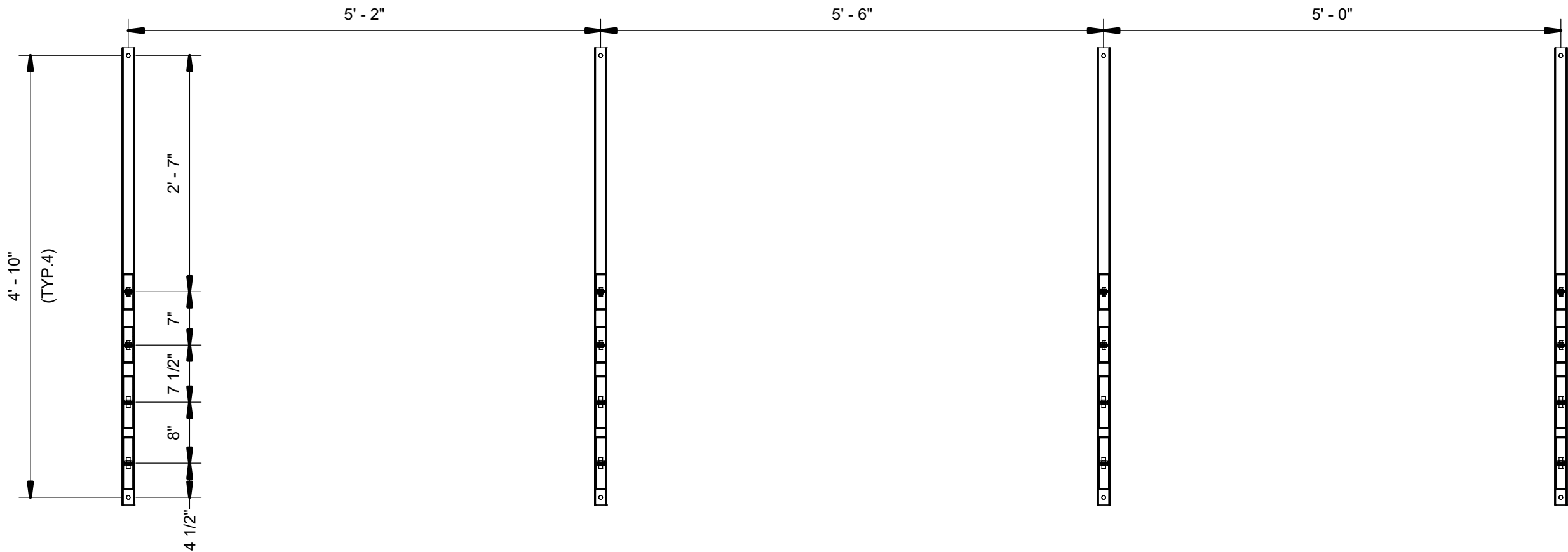
BIM 360//WUSM NRBWUSM_RB_HPF.rvt
8/20/2021 1:31:56 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	8	6"	B-Line D2000 ZN Gal 40 Pipe Clamp	0"		0"	0"	
02	4	56"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		5' - 0"	4' - 1"	2' - 9"	
03	8	4"	B-Line D2000 ZN Gal 40 Pipe Clamp	0"		0"	0"	

01	4	6 1/8"	B-LINE #2110
03	8	4 1/8"	B-LINE #2054
04	4	5 1/8"	B-LINE #2062



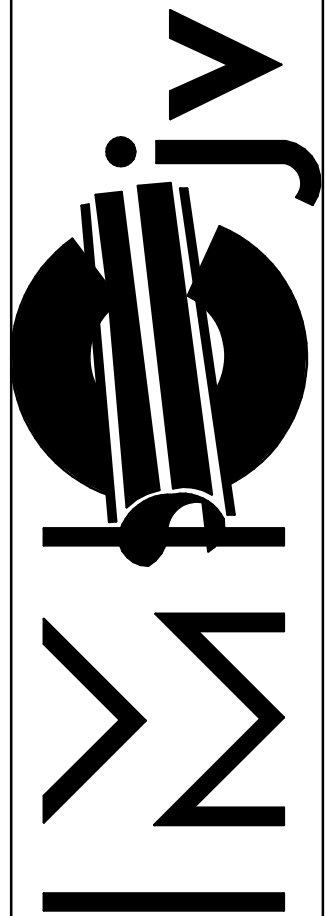
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

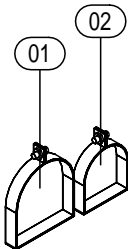
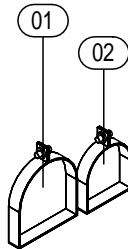
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TICKET:	HPHGR-L03-008
Drawn By: Author	
DATE: 08/11/21	DATE REQ:



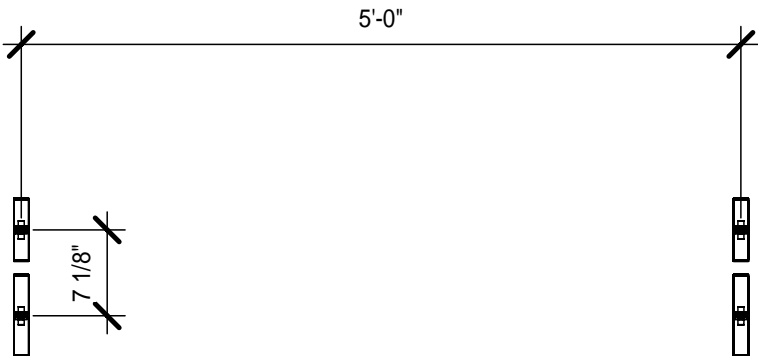
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
12-08-2021 10:59:34

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	2	6"	B-Line B2000 ZN Coh 40 Pipe Clamp					
02	2	4.5"	B-Line B2000 ZN Coh 40 Pipe Clamp					
01	2	6 1/8"	B-LINE #2110					
02	2	4 5/8"	B-LINE #2058					



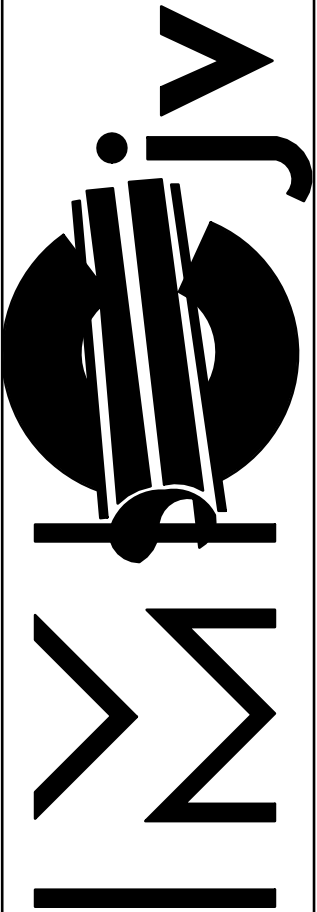
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

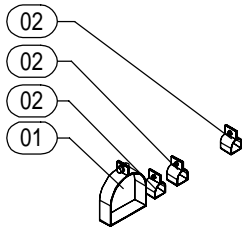
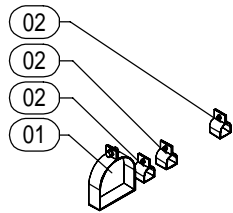
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TICKET:	PPHGR-L03-008
Drawn By: Author	
DATE: 08/12/21	DATE REQ:



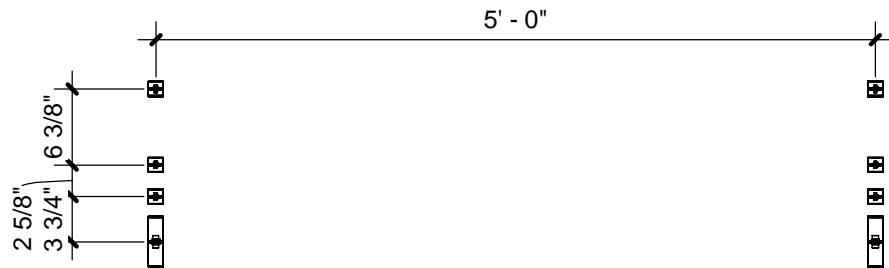
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360//WUSM NRB\\WUSM_RB_PUF.rvt
16-08-2021 12:04:29

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	2	3.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
02	6	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					



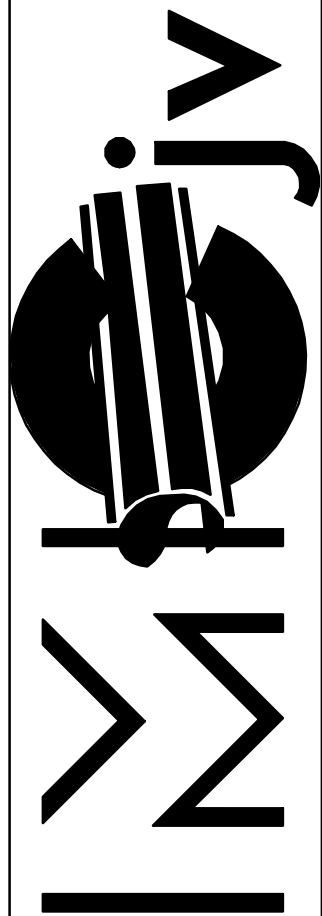
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

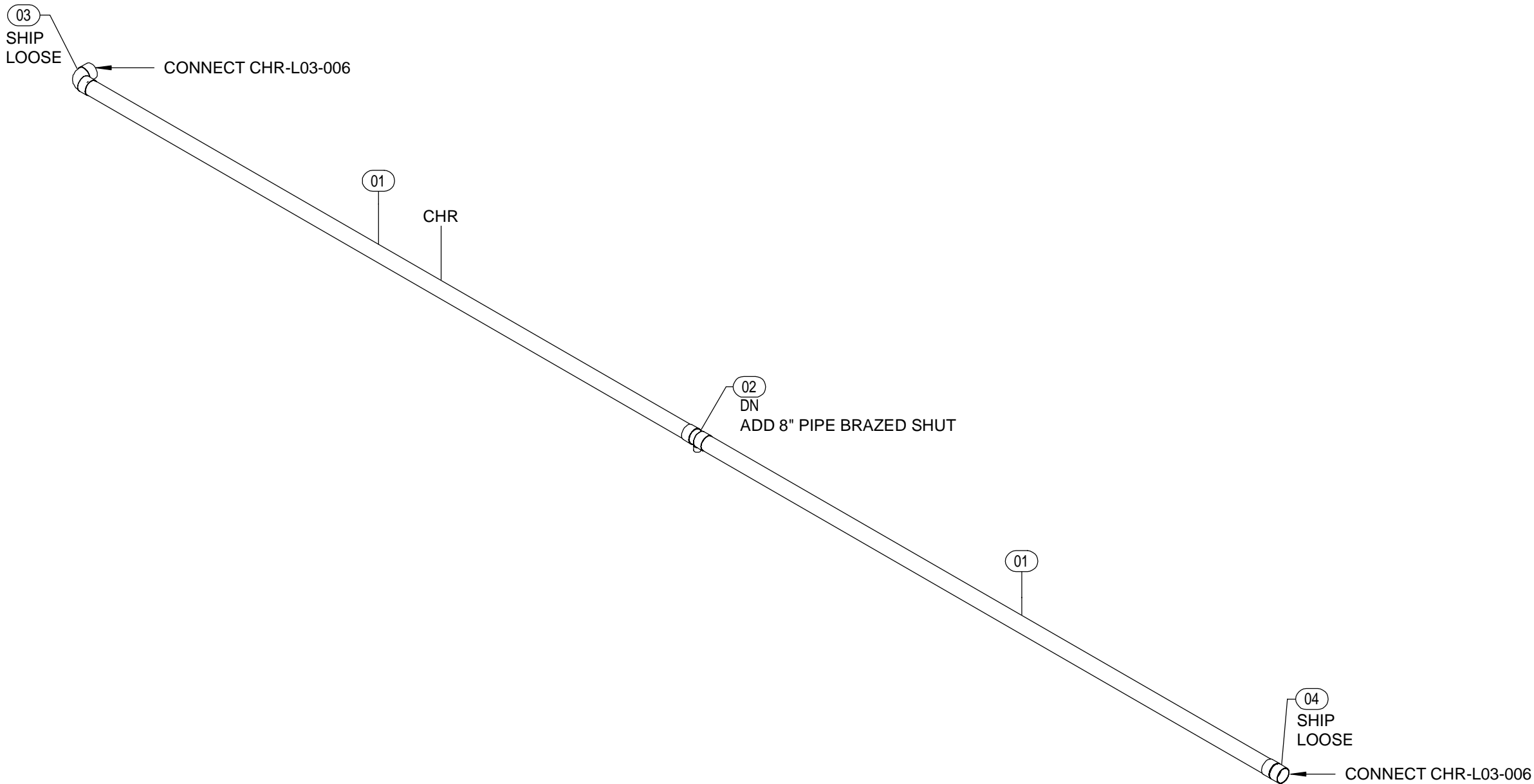
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TICKET:	PUHGR-L03-008
Drawn By: Author	
DATE: 08/16/21	DATE REQ:



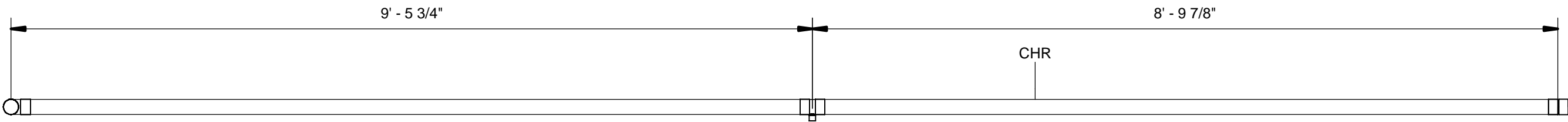
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360//WUSM NRBWUSM_RB_HPF.rvt
04-08-2021 18:13:24

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	18'-2 1/4"				1"
02	1	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
03	1	2"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



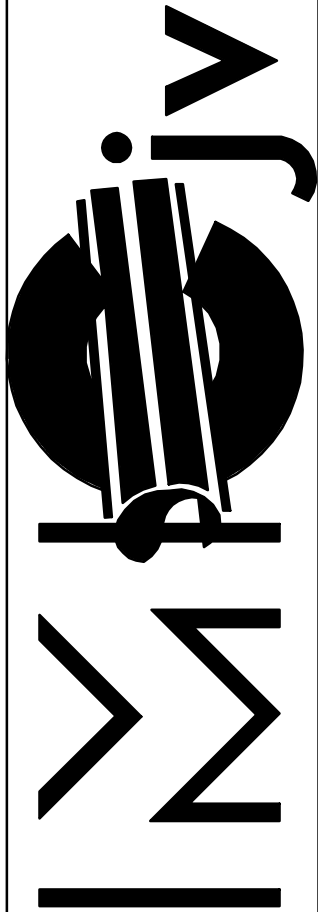
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

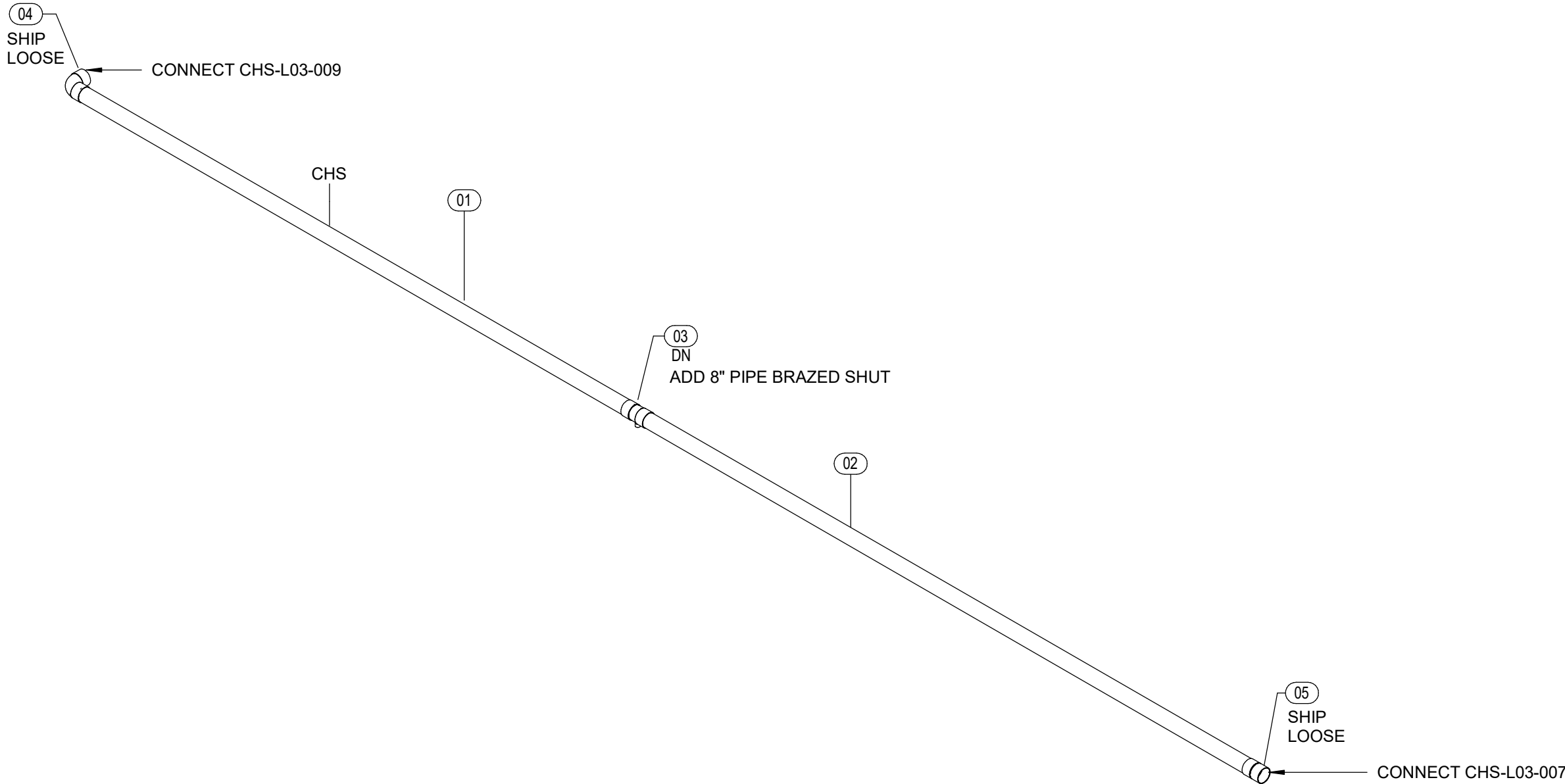
JOB:	WASH U NRB
TICKET:	CHR-L03-008
Drawn By: Author	
DATE: 08/04/21	DATE REQ:



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314-997-6600 phone

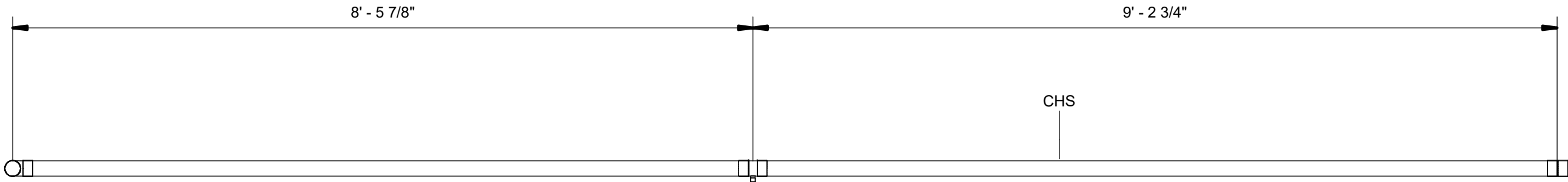
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8/18/2021 9:26:33 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	8'-3 15/16"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	9'-2 1/8"				1"
03	1	2"x1/2"x2"	Nibco Wrot 611R CxCxC Reducing Tee					1"
04	1	2"	Nibco Wrot 607 90 Deg Ell CxC					1"
05	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1 ISOMETRIC

SCALE:

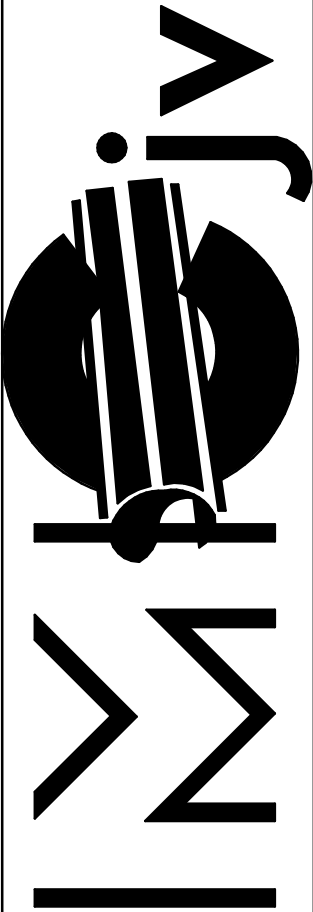


2 FRONT ELEVATION

SCALE: 3/4\"/>

A1	A3	B1	B3
A2	A4	B2	B4

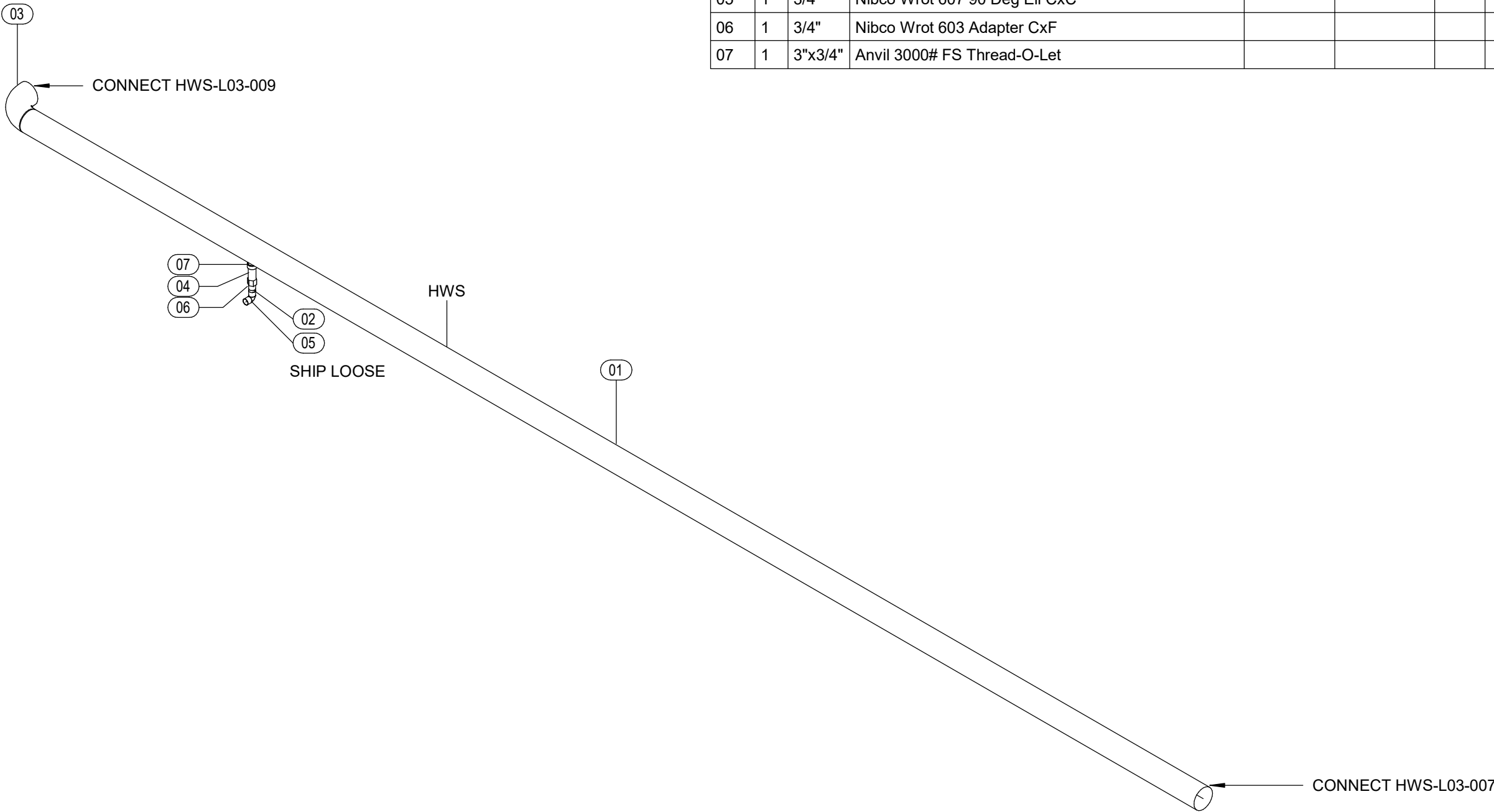
JOB: WASH U NRB
TICKET: CHS-L03-008
Drawn By: Author
DATE: 08/04/21
DATE REQ:



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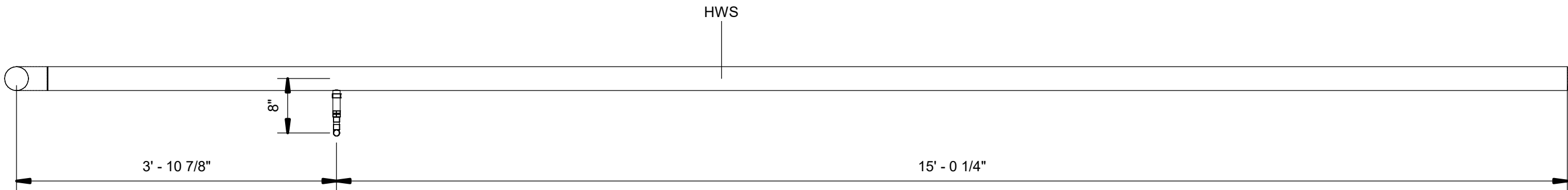
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9/22/2021 7:52:42 AM

Mark	Qty	Size	Description	Length	Strut Length	Rob 1	Rob 2	Insulation
01	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	18'-6 9/16"				1 1/2"
02	1	3/4"	Cerro Type K Hard Copper Pipe	0'-1 7/8"				1"
03	1	3"	Weldbend Std Wt SA234 WPB CS BW LR 90 Deg Ell					1 1/2"
04	1	3/4"	Victaulic No.647 TT Dielectric Transition Fitting					1"
05	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
06	1	3/4"	Nibco Wrot 603 Adapter CxF					1"
07	1	3"x3/4"	Anvil 3000# FS Thread-O-Let					1"



1 ISOMETRIC

SCALE:

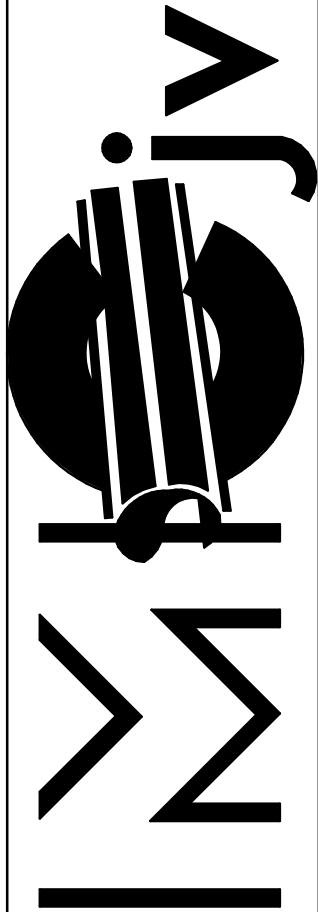


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

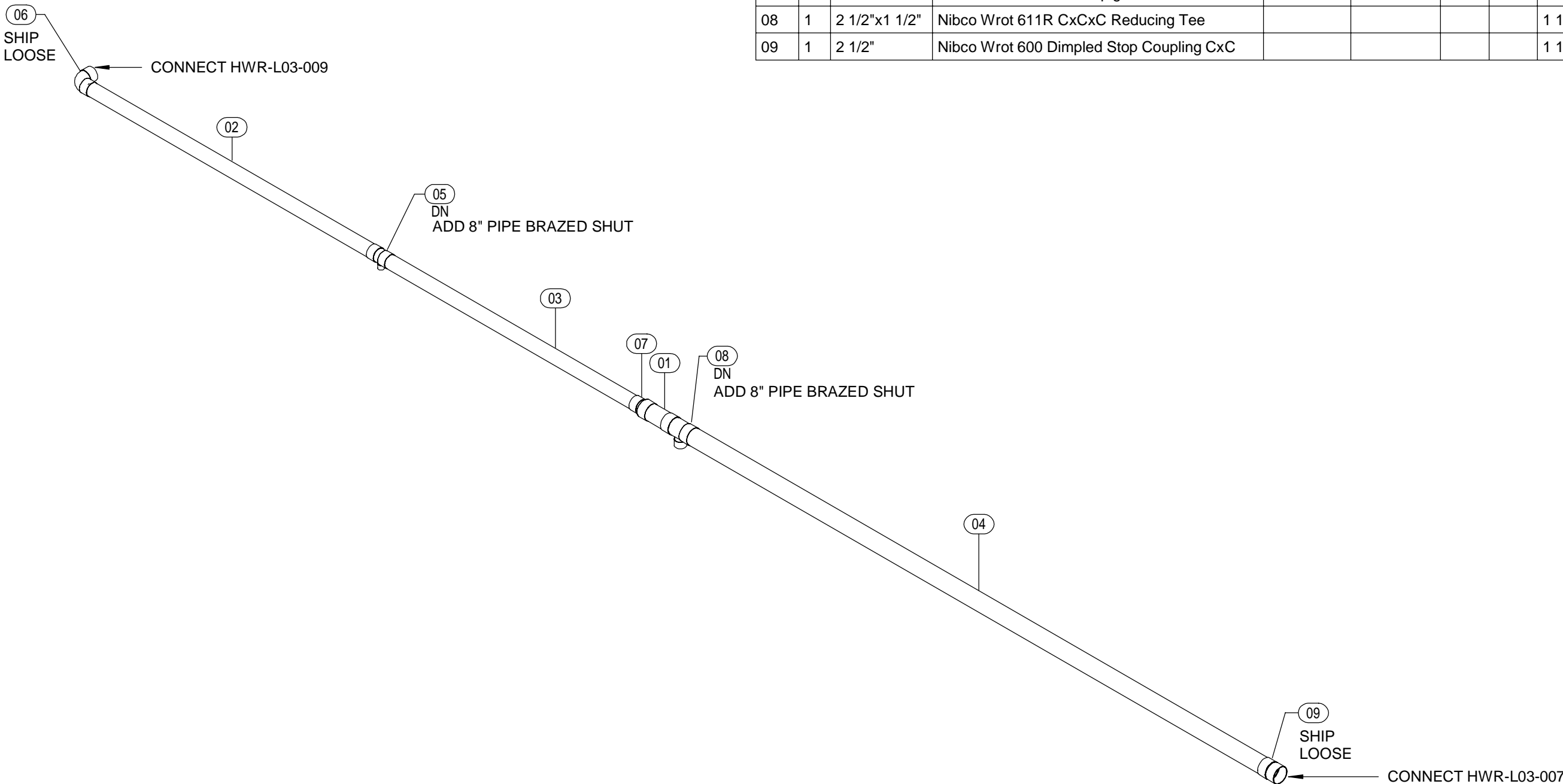
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TICKET: HWS-L03-008
Drawn By: Author
DATE: 08/04/21
DATE REQ:



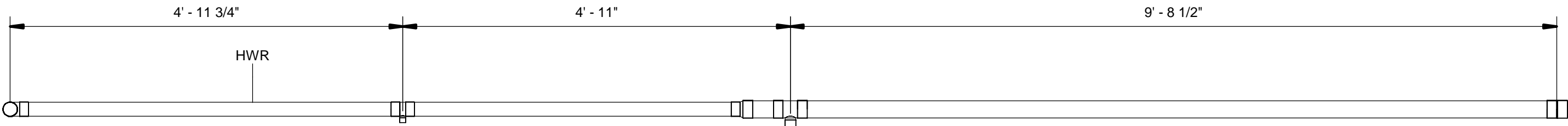
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
04-08-2021 18:14:41

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2 1/2"	Cerro Type K Hard Copper Pipe	0'-6 1/8"				1 1/2"
02	1	2"	Cerro Type K Hard Copper Pipe	4'-9 7/8"				1 1/2"
03	1	2"	Cerro Type K Hard Copper Pipe	4'-2 13/16"				1 1/2"
04	1	2 1/2"	Cerro Type K Hard Copper Pipe	9'-7 7/16"				1 1/2"
05	1	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
06	1	2"	Nibco Wrot 607 90 Deg Ell CxC					1 1/2"
07	1	2 1/2"x2"	Nibco Wrot 600R Red Cplg CxC					1 1/2"
08	1	2 1/2"x1 1/2"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
09	1	2 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



1 ISOMETRIC
SCALE:

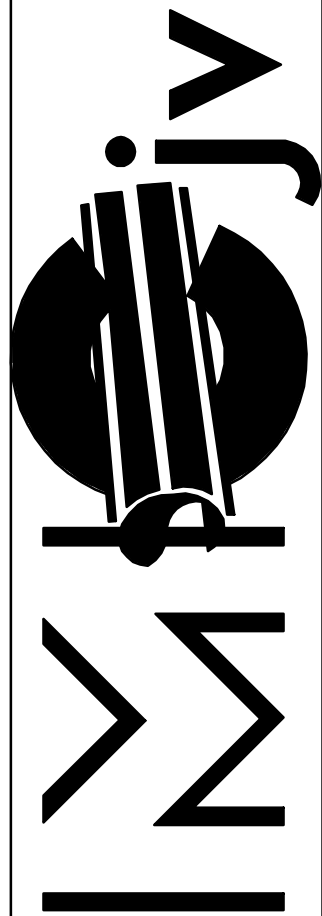


2 FRONT ELEVATION
SCALE: 3/4\"/>

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: HWR-L03-008
Drawn By: Author
DATE: 08/04/21

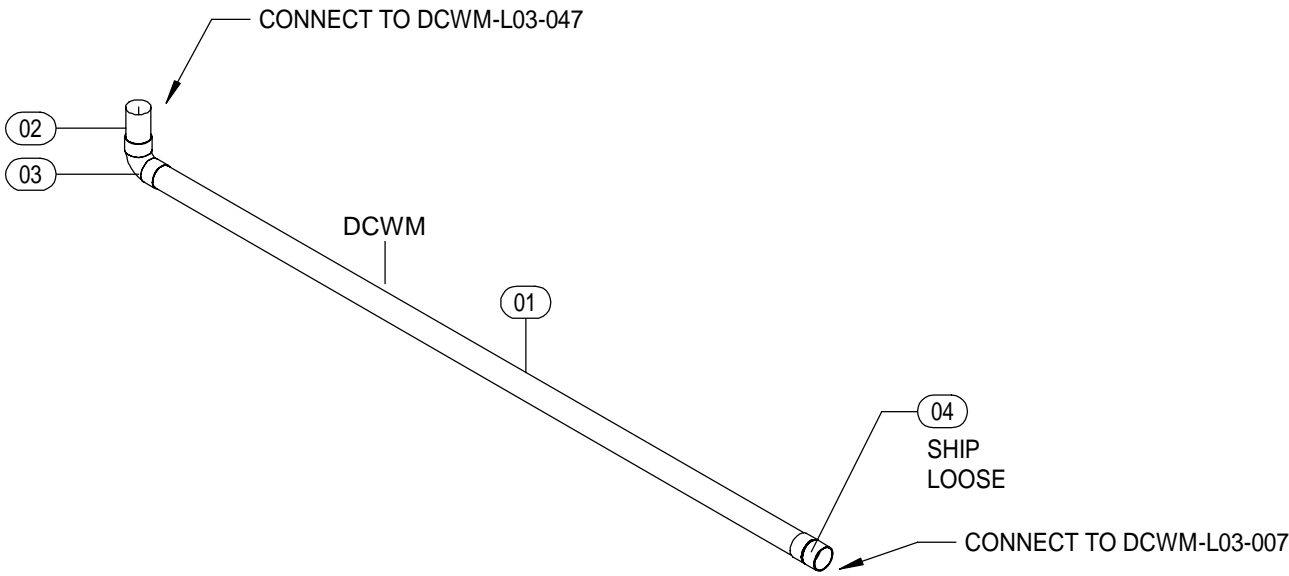
DATE REQ:



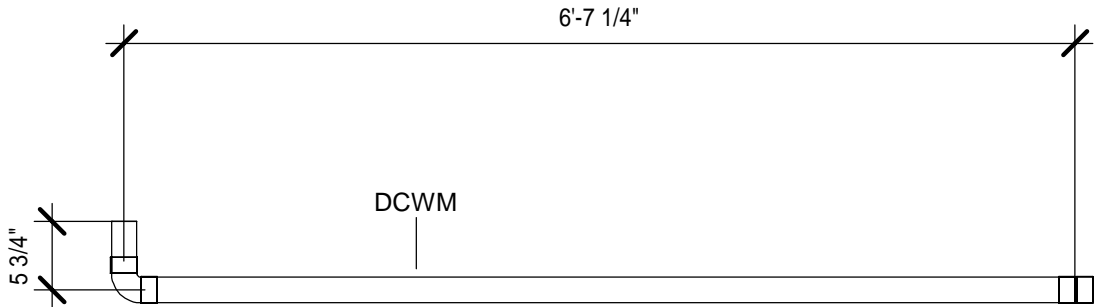
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRB/WUSM_RB_PLF.rvt
07-08-2021 10:23:37

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe	6'-5 7/8"				1"
02	1	2"	Cerro Type L Hard Copper Pipe	0'-4 5/16"				1"
03	1	2"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



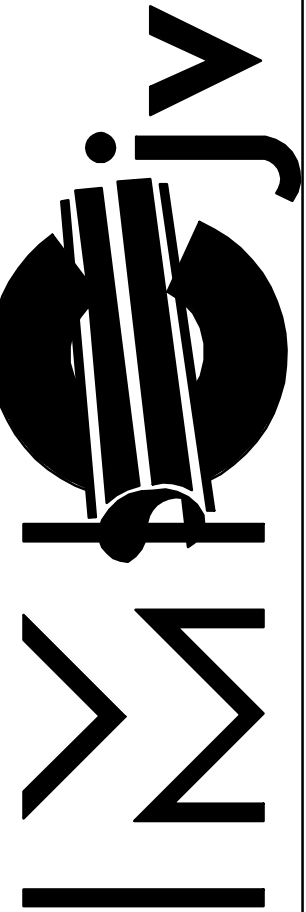
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

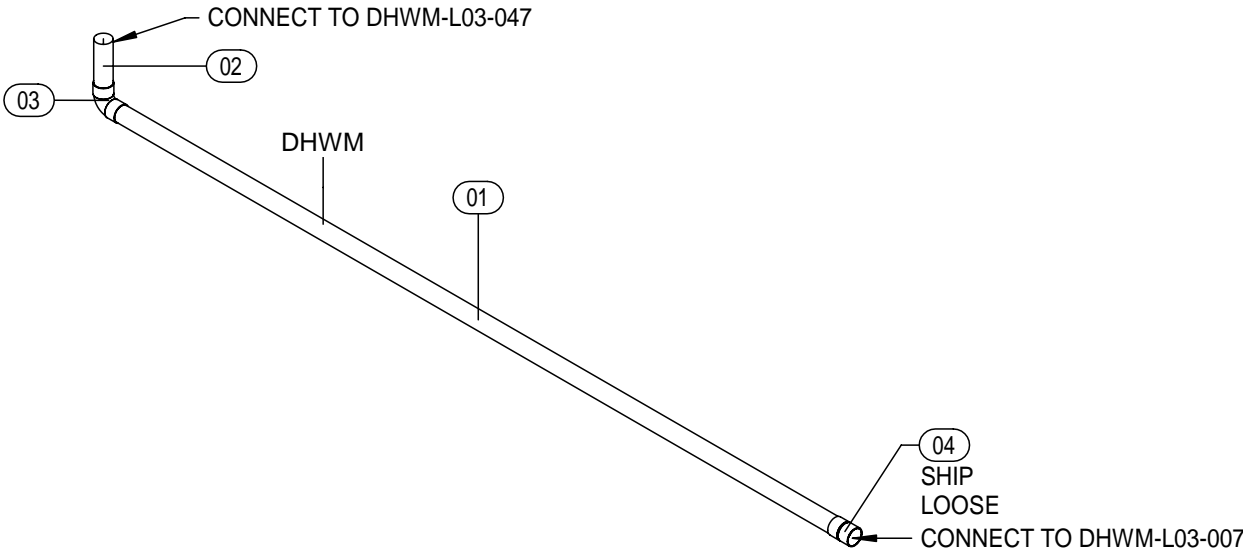
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TICKET:	DCWM-L03-008
Drawn By: Author	
DATE: 08/09/21	DATE REQ:



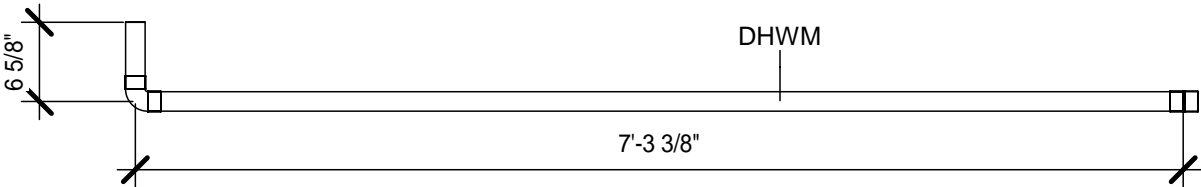
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
09-08-2021 17:52:19

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	7'-2 5/16"				2"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	0'-5 9/16"				2"
03	1	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC					2"
04	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"



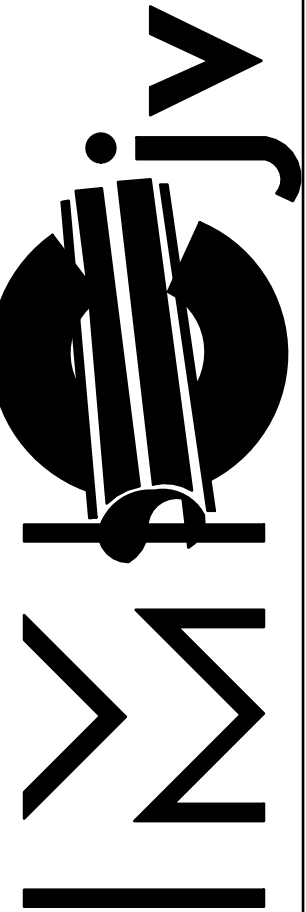
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

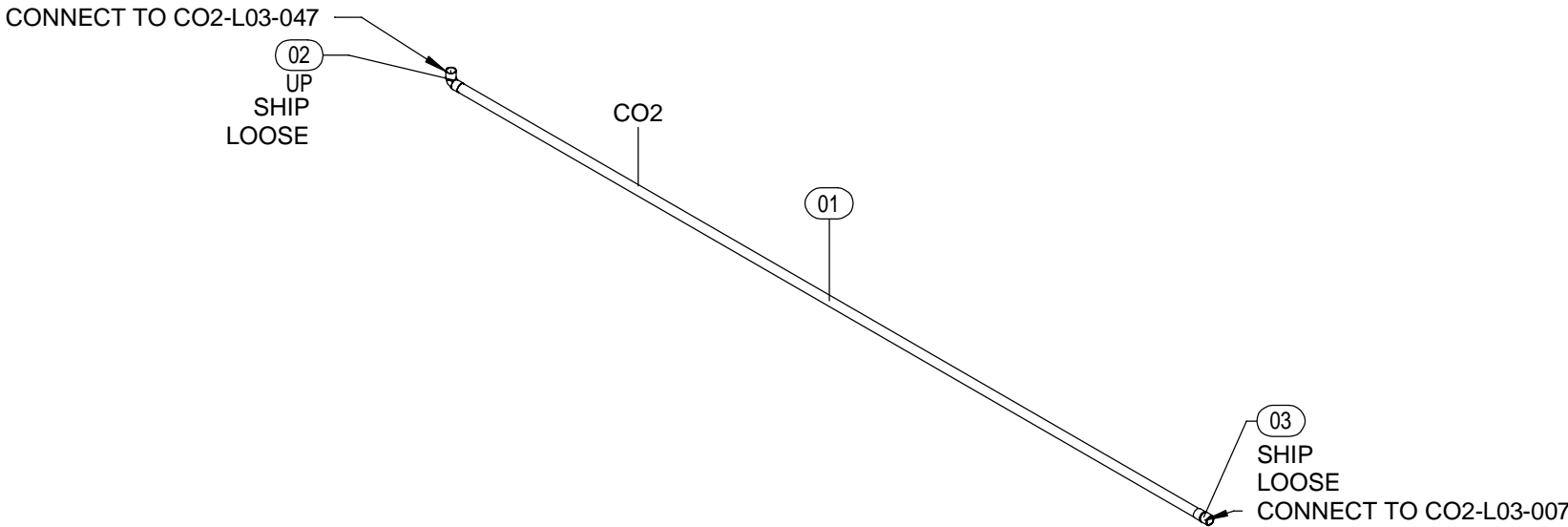
JOB:	WASH U NRB
TICKET:	DHWM-L03-008
Drawn By: Author	
DATE: 08/09/21	DATE REQ:



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

BIM 360//WUSM NRBWUSM_RB_PUF.rvt
16-08-2021 15:54:49

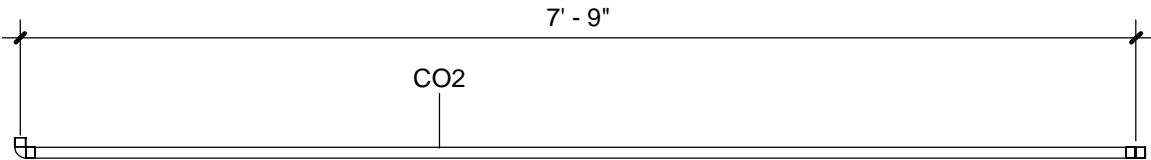
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	7'-8 7/16"				
02	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
03	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1

ISOMETRIC

SCALE:



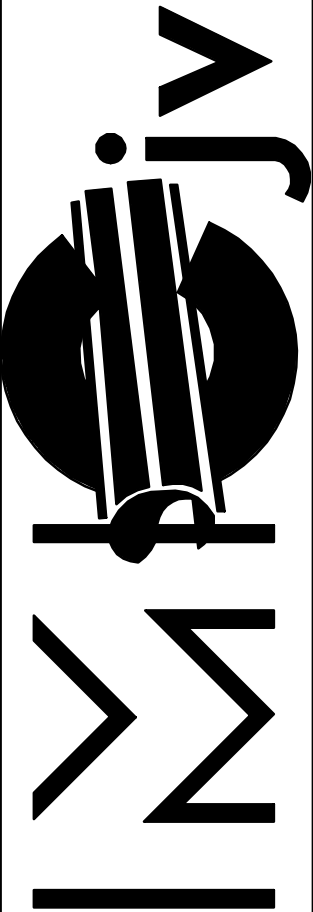
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

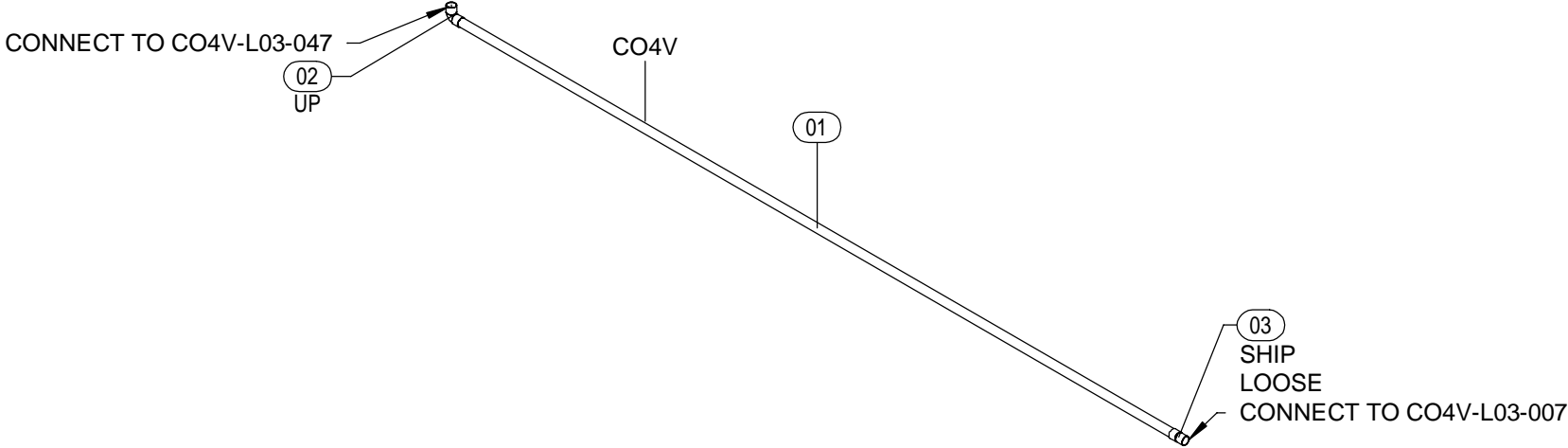
JOB:	WASH U NRB
TICKET:	CO2-L03-008
Drawn By: Author	
DATE: 08/17/21	DATE REQ:



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

BIM 360//WUSM NRBWUSM_RB_PUF.rvt
16-08-2021 16:15:42

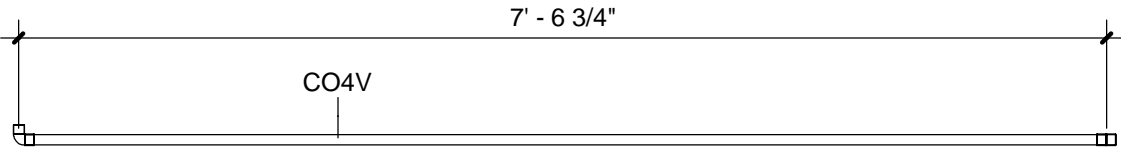
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	7'-6 1/8"				
02	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
03	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1

ISOMETRIC

SCALE:



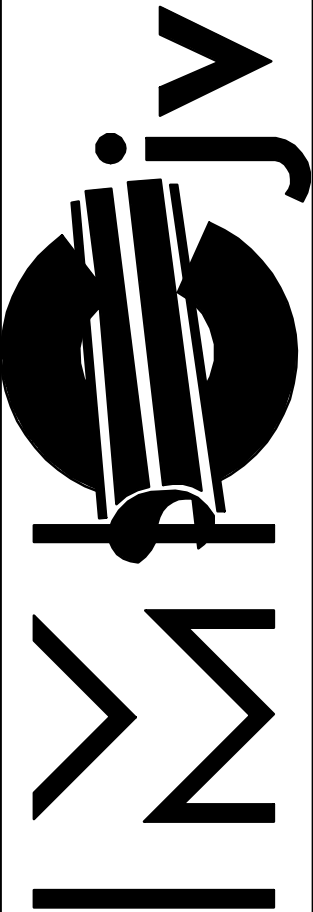
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

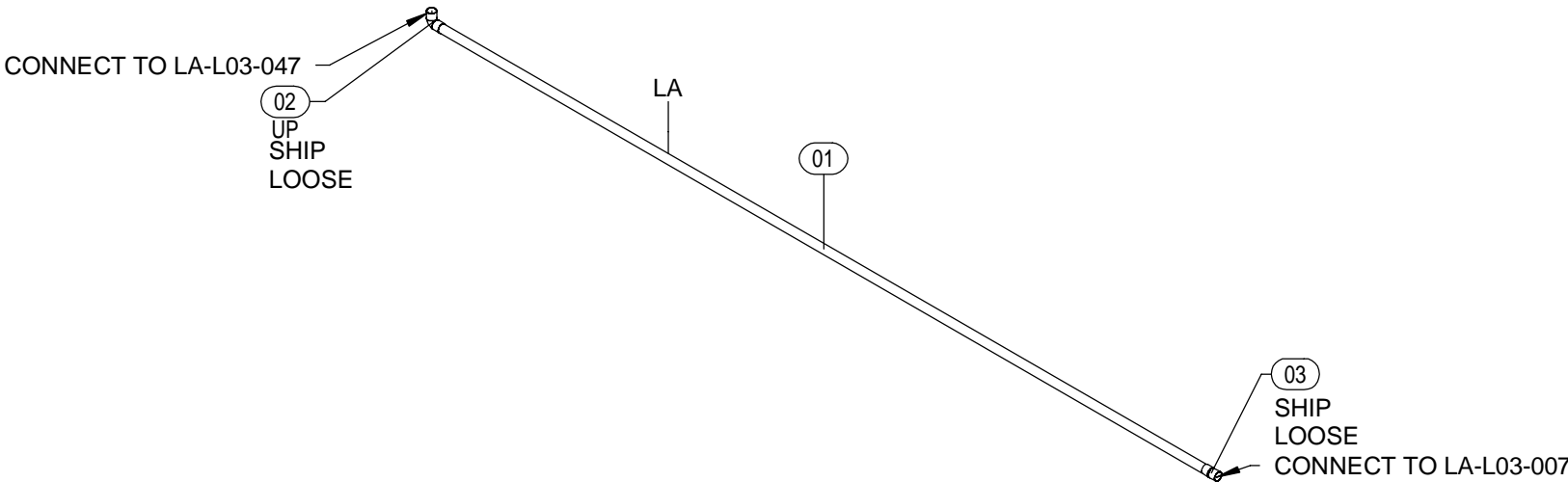
JOB:	WASH U NRB
TICKET:	CO4V-L03-008
Drawn By: Author	
DATE: 08/17/21	DATE REQ:



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

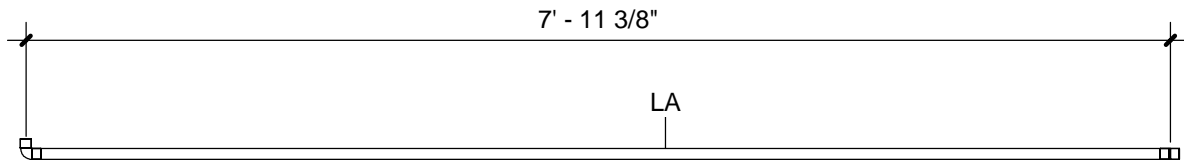
BIM 360/WUSM NRBWUSM_RB_PUF.rvt
16-08-2021 14:34:32

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	7'-10 13/16"				
02	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
03	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1 ISOMETRIC

SCALE:

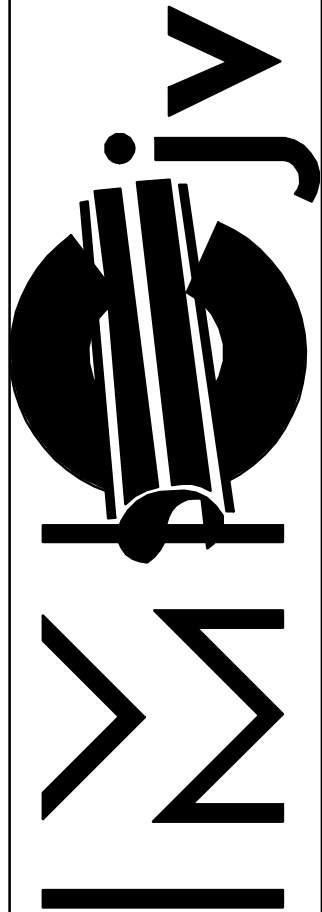


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

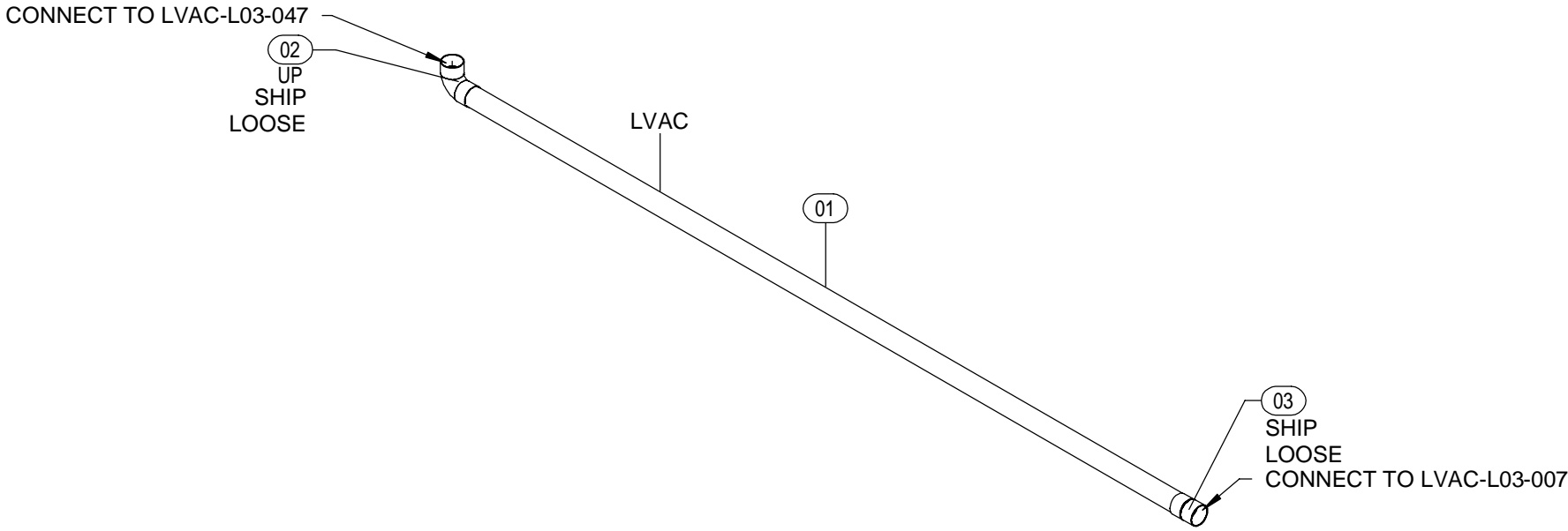
JOB:	WASH U NRB
TICKET:	LA-L03-008
Drawn By: Author	
DATE: 08/17/21	DATE REQ:



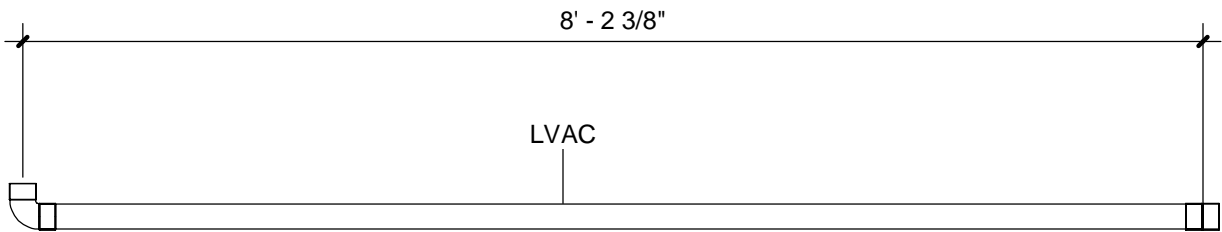
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360/WUSM NRBWUSM_RB_PUF.rvt
16-08-2021 11:03:52

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type L Hard Copper - CFOS	8'-0 7/8"				
02	1	2"	Nibco 607-CB CFOS Wrot 90 Elbow					
03	1	2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



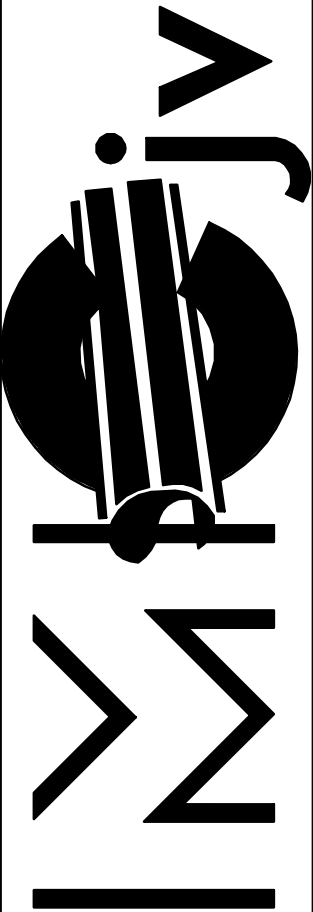
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	LVAC-L03-008
Drawn By:	Author
DATE:	08/17/21
DATE REQ:	



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314-997-6600 phone