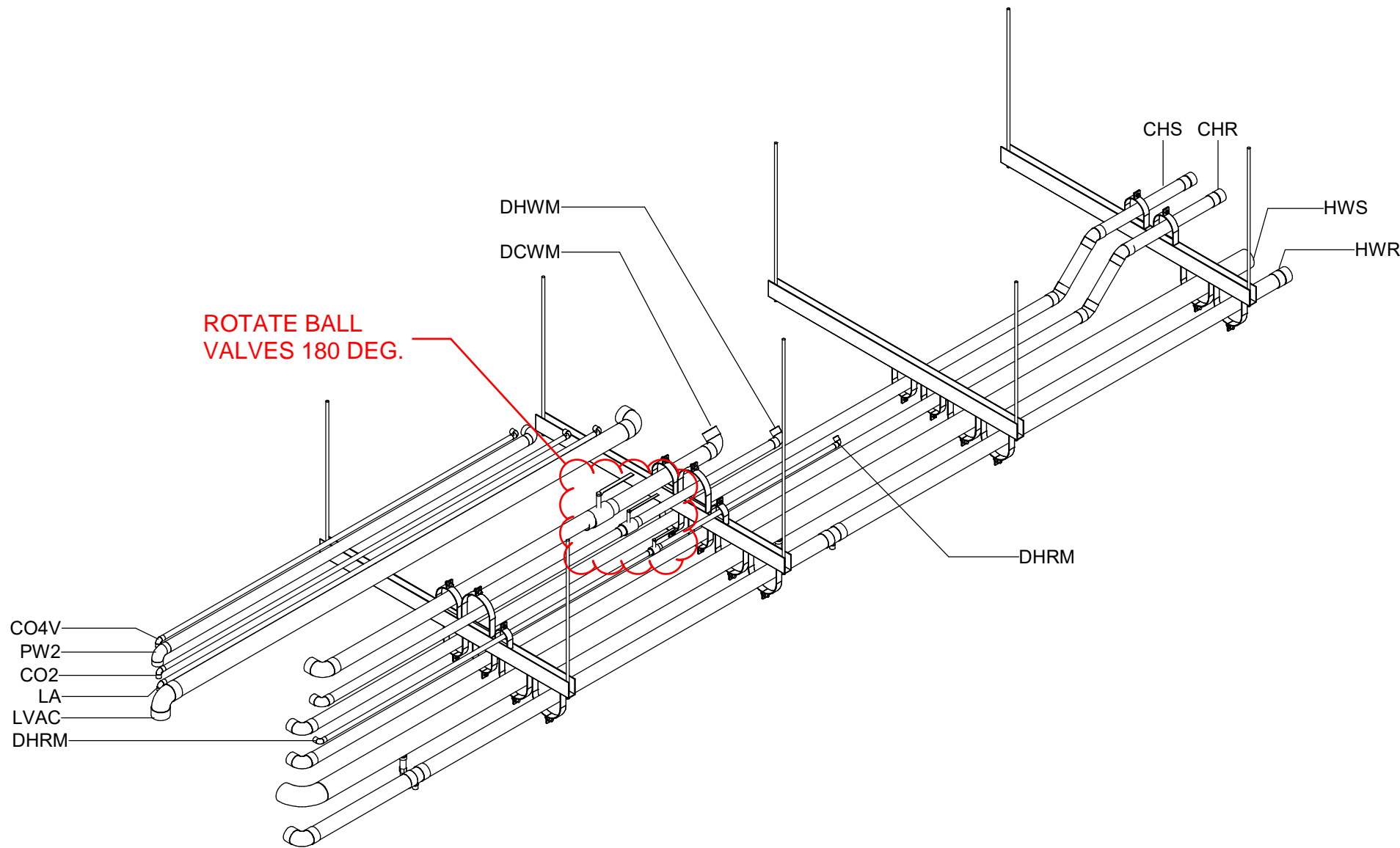
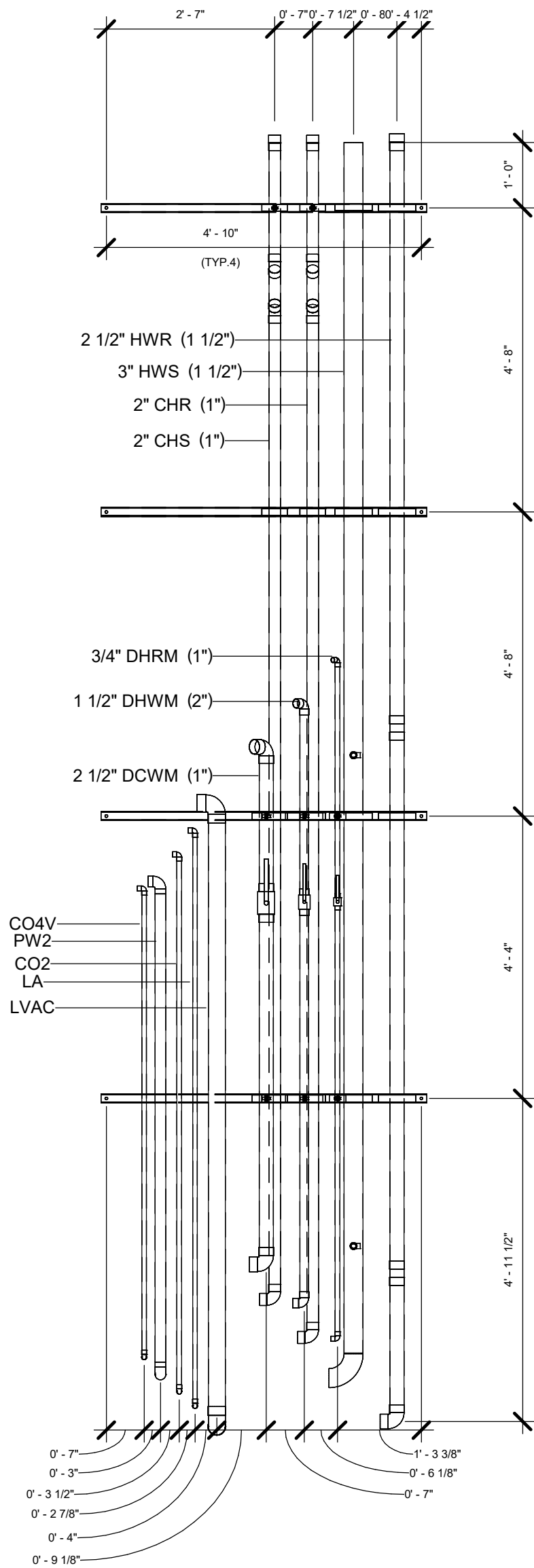


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9/22/2021 9:06:14 AM



2 AS-L03-001 - ISOMETRIC
AS-L03-001 SCALE:



1 AS-L03-001
AS-L03-001 SCALE: 1/2" = 1'-0"

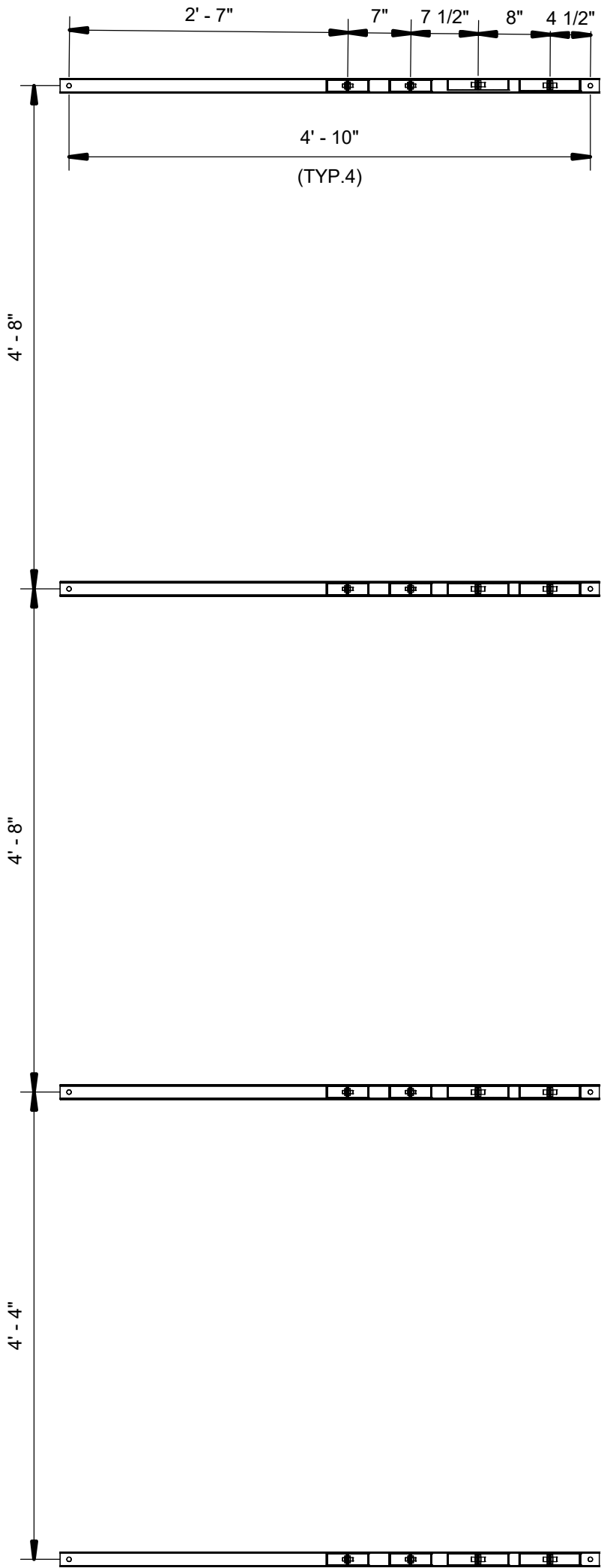
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A2	A4	B2	B4

JOB: WASH U NRB
TICKET: AS-L03-001
Drawn By: Author
DATE: 08/09/21
DATE REQ:

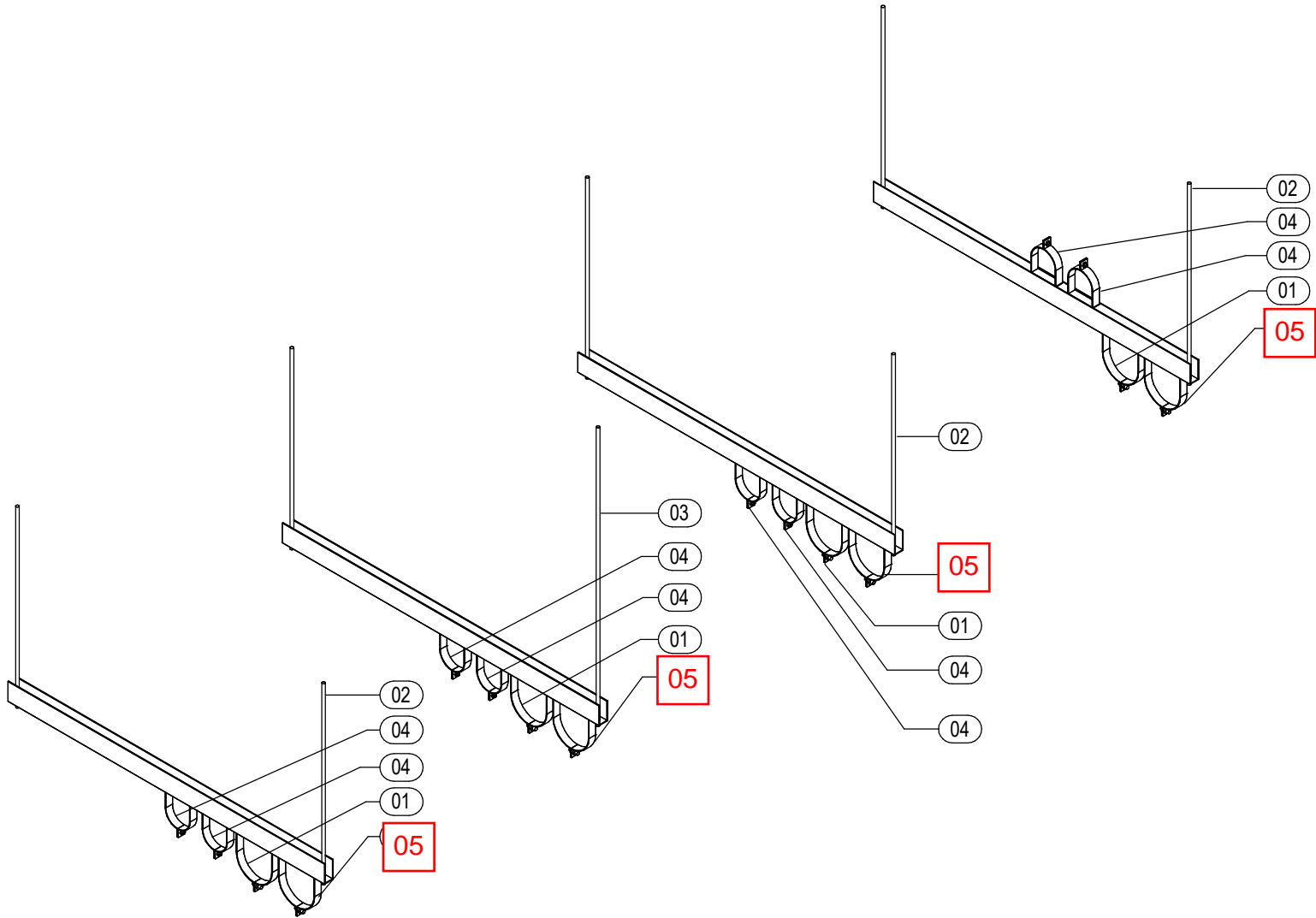


1233 N. Price Rd.
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BIM 360//WUSM NRBWUSM_RB_HPF.rvt
8/20/2021 1:55:38 PM



Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	8	6"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"	0"	0"	
02	3	56"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		5' - 0"	2' - 9"	2' - 9"	
03	1	56"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		5' - 0"	4' - 1"	2' - 9"	
04	8	4"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"	0"	0"	
01	3	6 1/8"	B-LINE #2110					
04	6	4 1/8"	B-LINE #2054					
05	3	5 5/8"	B-LINE #2066					

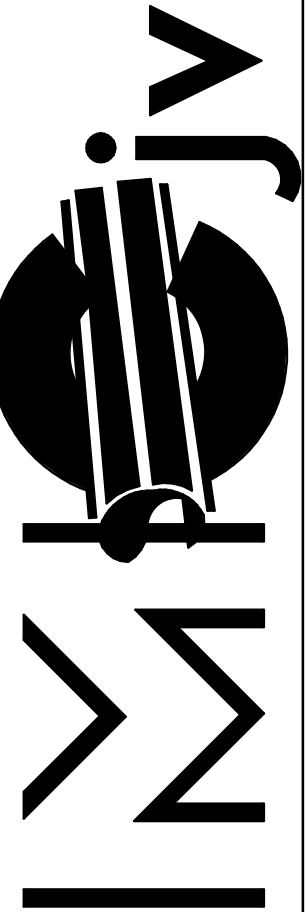


1 ISOMETRIC
SCALE:

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

A1	A3	B1	B3
A2	A4	B2	B4

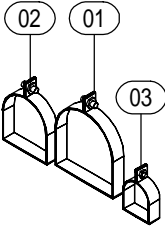
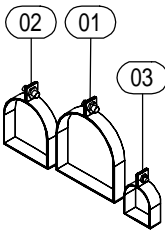
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TICKET:	HPHGR-L03-001
Drawn By: Author	
DATE: 08/11/21	DATE REQ:



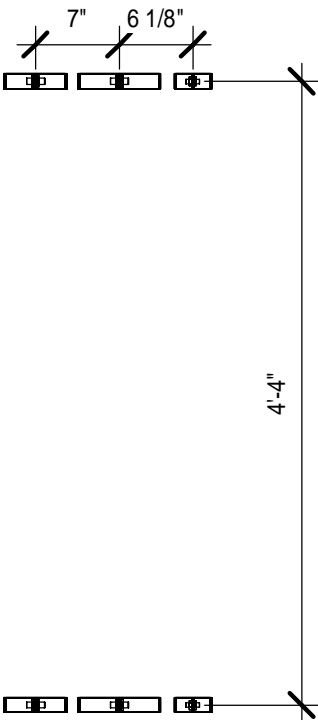
1233 N. Price Rd.
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BIM 360://WUSM NRB/WUSM_RB_PLF.rvt
20-08-2021 15:45:10

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					
03	2	3.5"	B-Line B2000 ZN Coh 40 Pipe Clamp					
01	4	5 5/8"	B-LINE #2066					
02	4	4 5/8"	B-LINE #2058					
03	4	2 7/8"	B-LINE #2014					



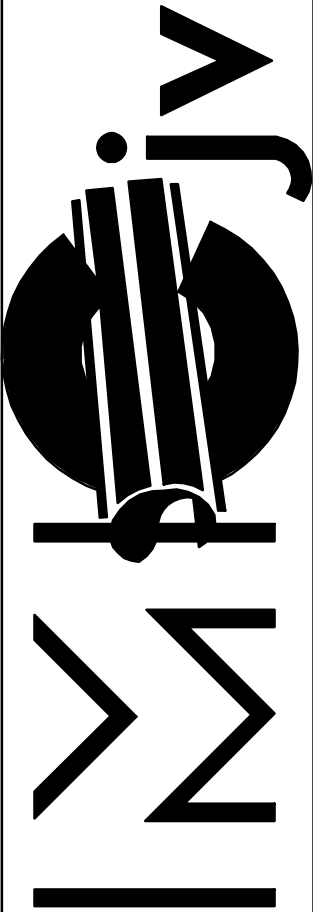
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

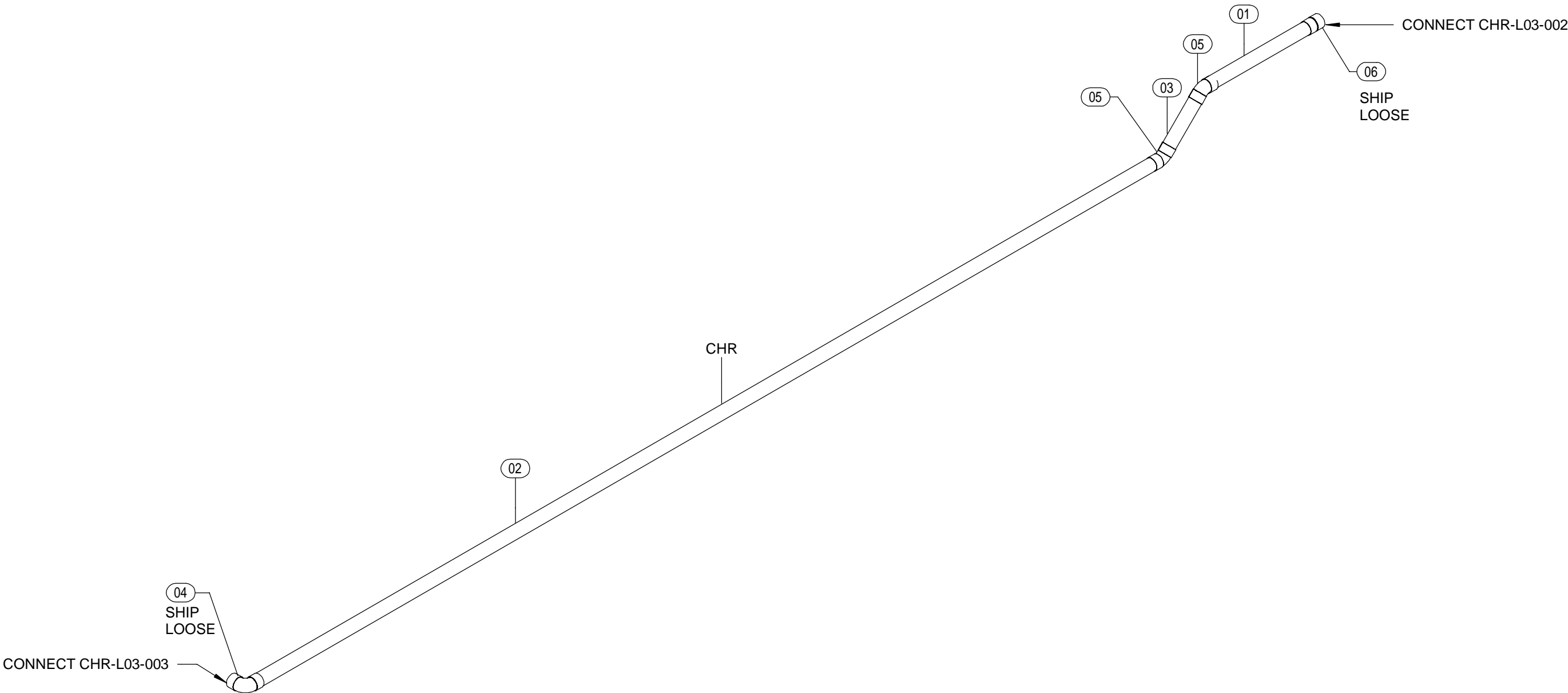
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Drawn By: Author	
DATE: 08/20/21	DATE REQ:



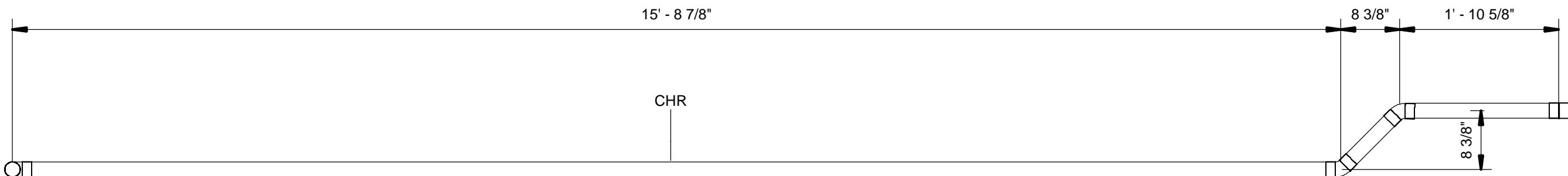
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05-08-2021 19:27:28

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	1'-9 13/16"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	15'-6 3/4"				1"
03	1	2"	Cerro Type K Hard Copper Pipe	0'-10 1/4"				1"
04	1	2"	Nibco Wrot 607 90 Deg Ell CxC					1"
05	2	2"	Nibco Wrot 606 45 Deg Ell CxC					1"
06	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



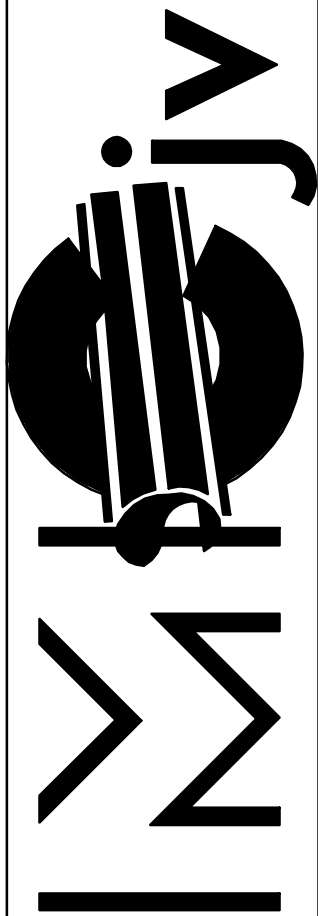
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

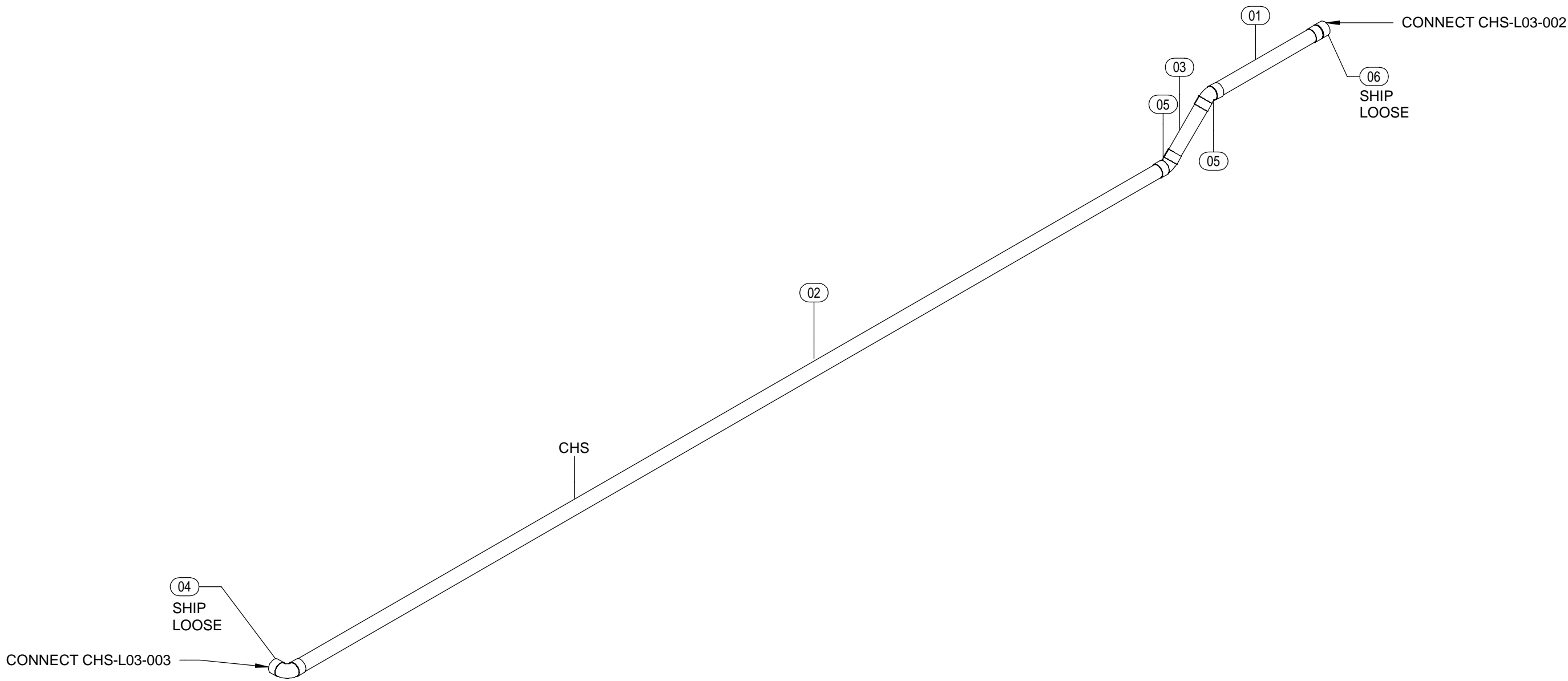
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TICKET: CHR-L03-001
Drawn By: Author
DATE: 08/05/21
DATE REQ:



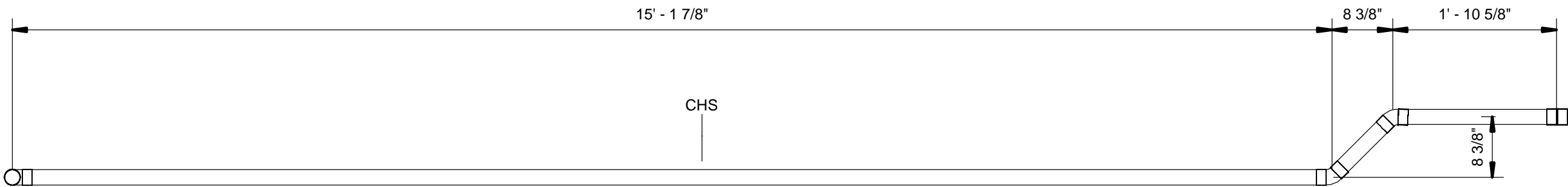
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPE.rvt
05-08-2021 17:27:12

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	1'-9 13/16"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	14'-11 3/4"				1"
03	1	2"	Cerro Type K Hard Copper Pipe	0'-10 1/4"				1"
04	1	2"	Nibco Wrot 607 90 Deg Ell CxC					1"
05	2	2"	Nibco Wrot 606 45 Deg Ell CxC					1"
06	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



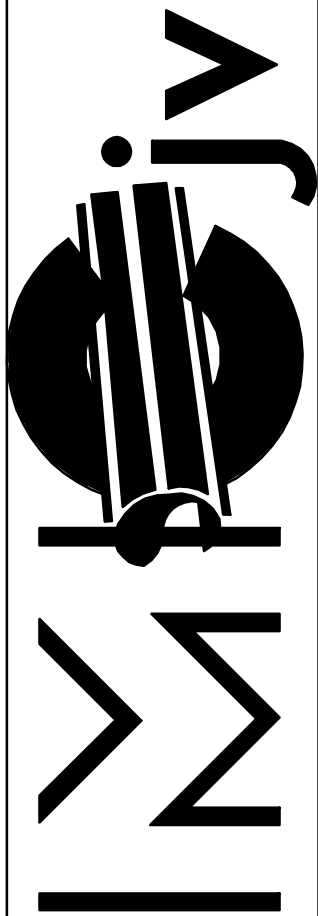
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

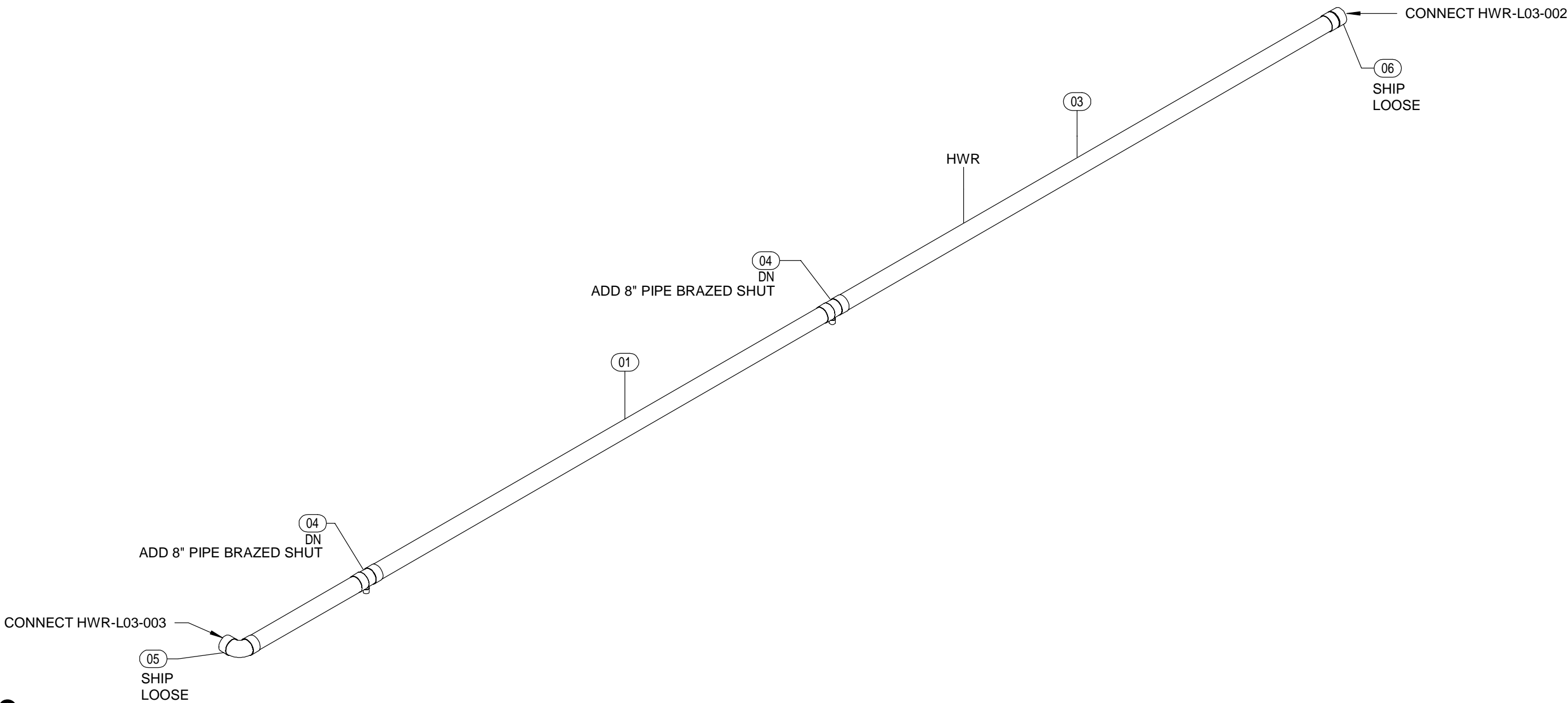
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Drawn By: Author
DATE: 08/05/21
DATE REQ:



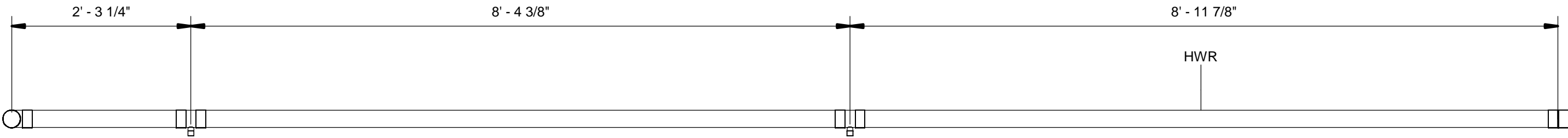
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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
05-08-2021 14:58:37

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2 1/2"	Cerro Type K Hard Copper Pipe	8'-2 13/16"				1 1/2"
02	1	2 1/2"	Cerro Type K Hard Copper Pipe	2'-0 7/8"				1 1/2"
03	1	2 1/2"	Cerro Type K Hard Copper Pipe	8'-11 1/16"				1 1/2"
04	2	2 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
05	1	2 1/2"	Nibco Wrot 607 90 Deg Ell CxC					1 1/2"
06	1	2 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



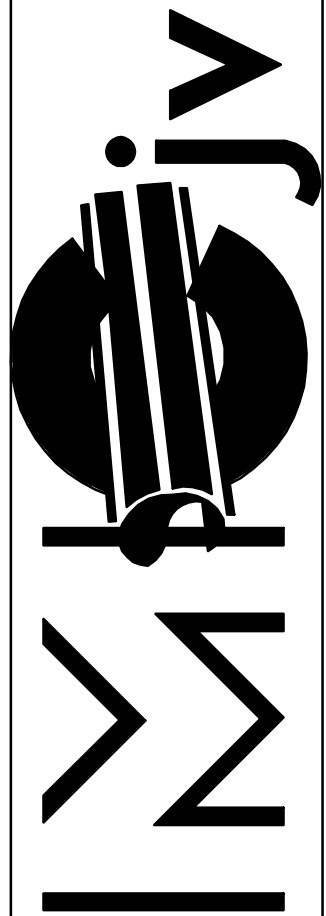
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

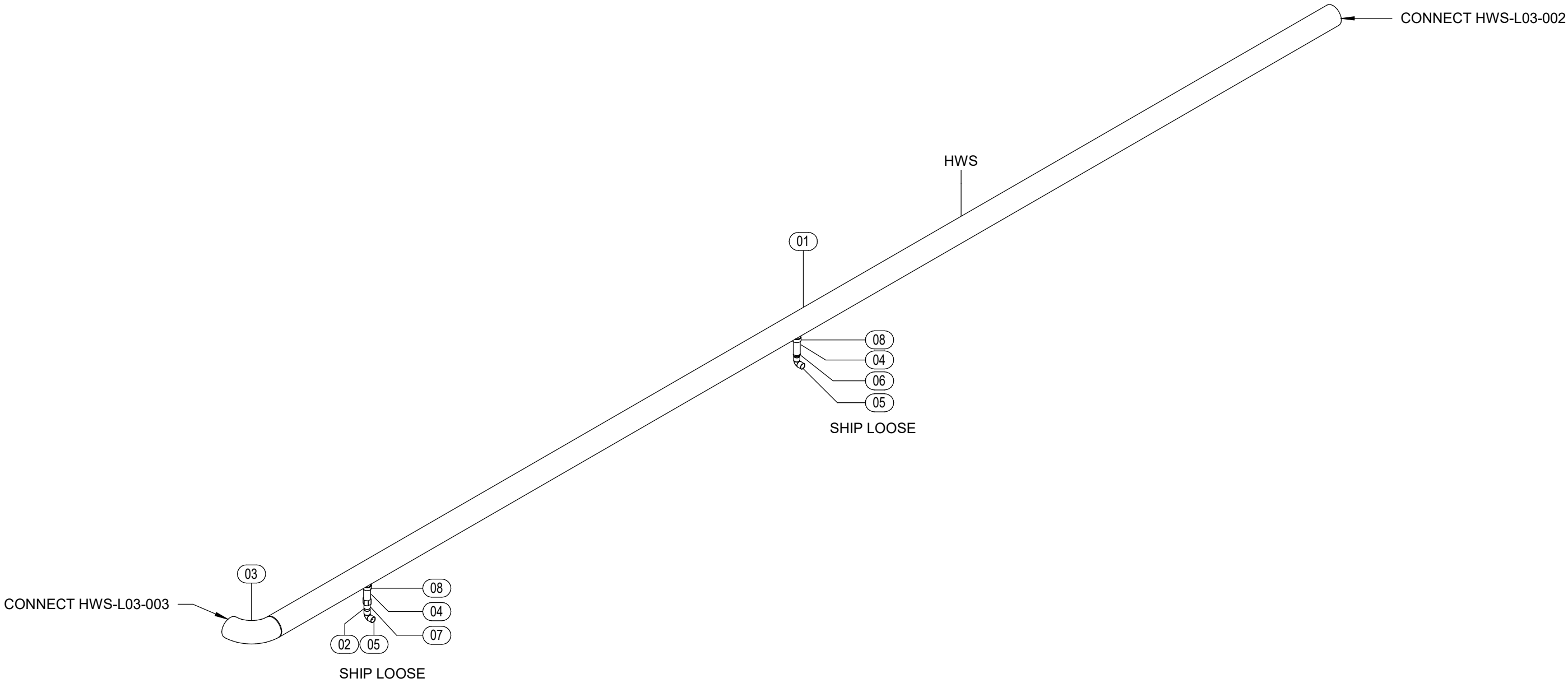
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TICKET:	HWR-L03-001
Drawn By: Author	
DATE: 08/05/21	DATE REQ:



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314-997-6600 phone

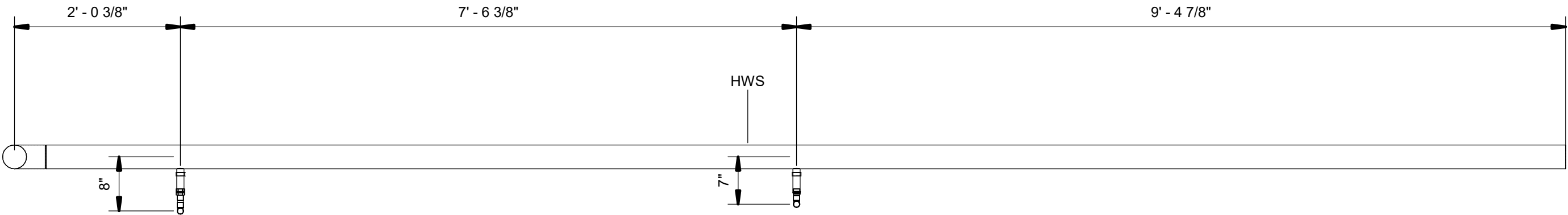
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9/21/2021 2:05:45 PM

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 15/16"				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	2	3/4"	Victaulic No.647 TT Dielectric Transition Fitting					1"
05	2	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
06	1	3/4"	Nibco Wrot 603-2 Ftg Adapter CxF					1"
07	1	3/4"	Nibco Wrot 603 Adapter CxF					1"
08	2	3"x3/4"	Anvil 3000# FS Thread-O-Let					1"



1 ISOMETRIC

SCALE:



2 RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

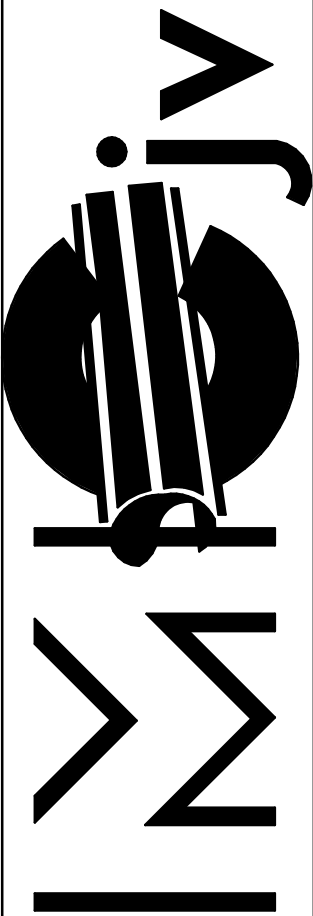
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TICKET: HWS-L03-001

Drawn By: Author

DATE: 08/03/21

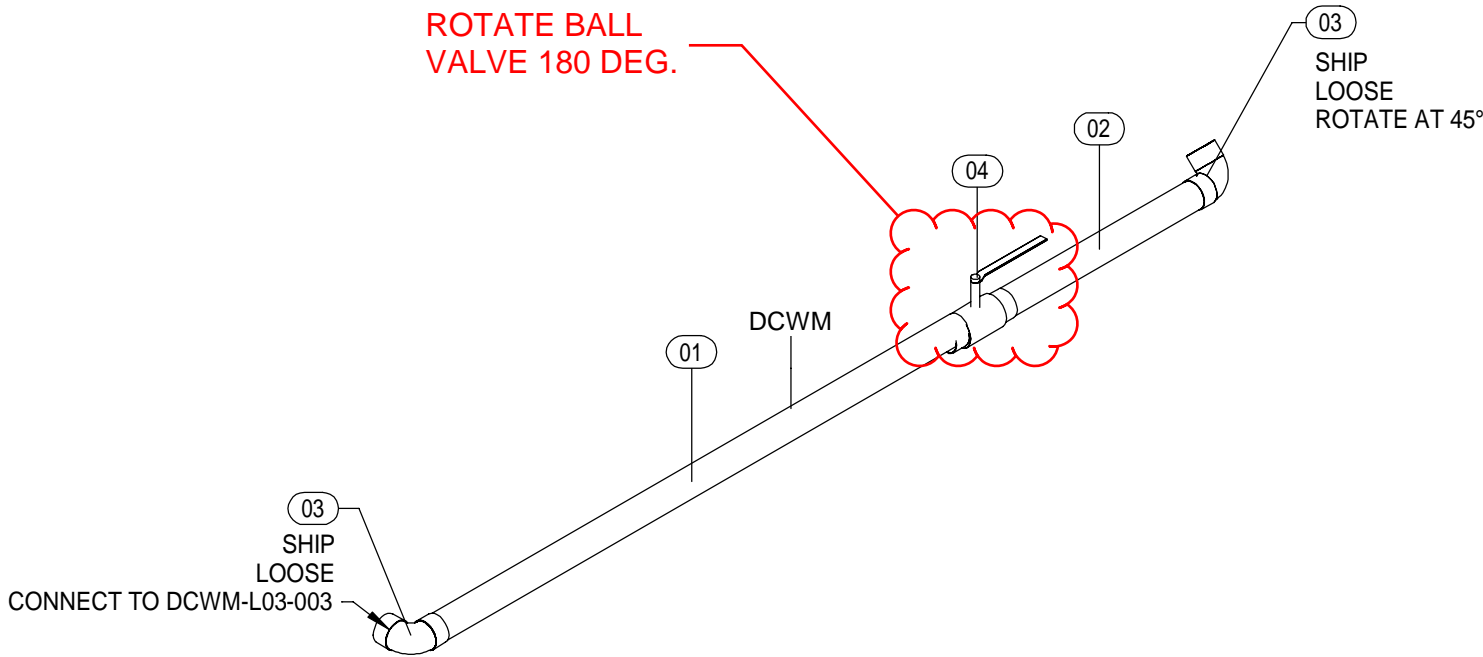
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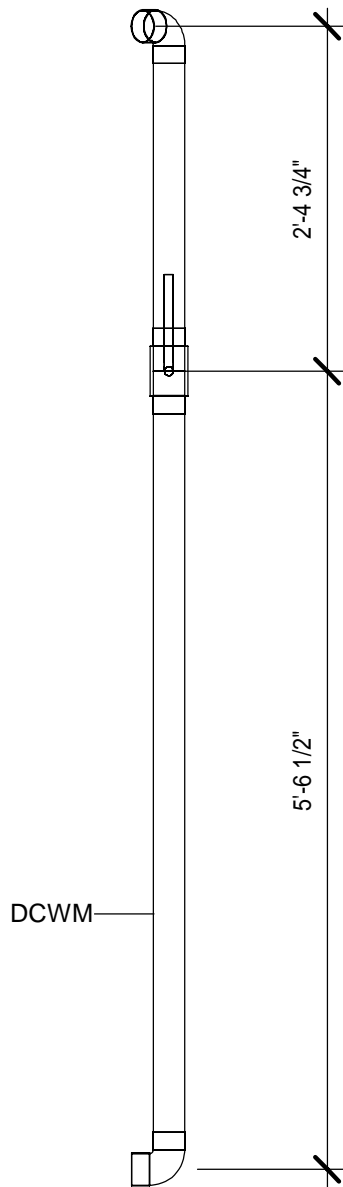
1233 N. Price Rd.
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314-997-6600 phone

BIM 360://WUSM NRB/WUSM_RB_PLE.rvt
20-08-2021 17:17:40

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	2 1/2"	Cerro Type L Hard Copper Pipe	5'-2 7/8"				1"
02	1	2 1/2"	Cerro Type L Hard Copper Pipe	2'-1"				1"
03	2	2 1/2"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	1	2 1/2"	Apollo 77CLF-140 LF-Brz 2pc FP SS-B&S Ball Valve Swt					1"



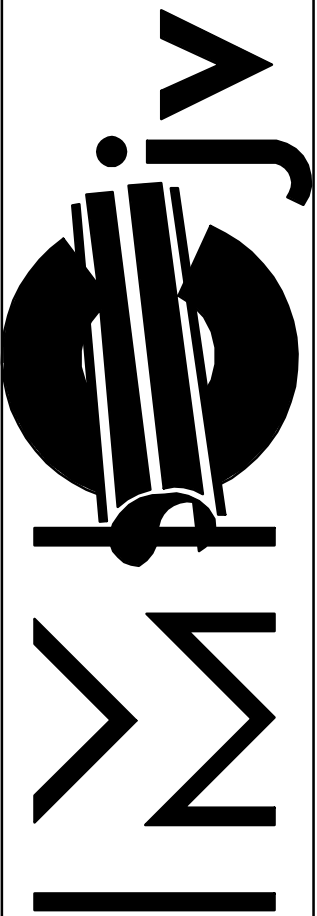
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

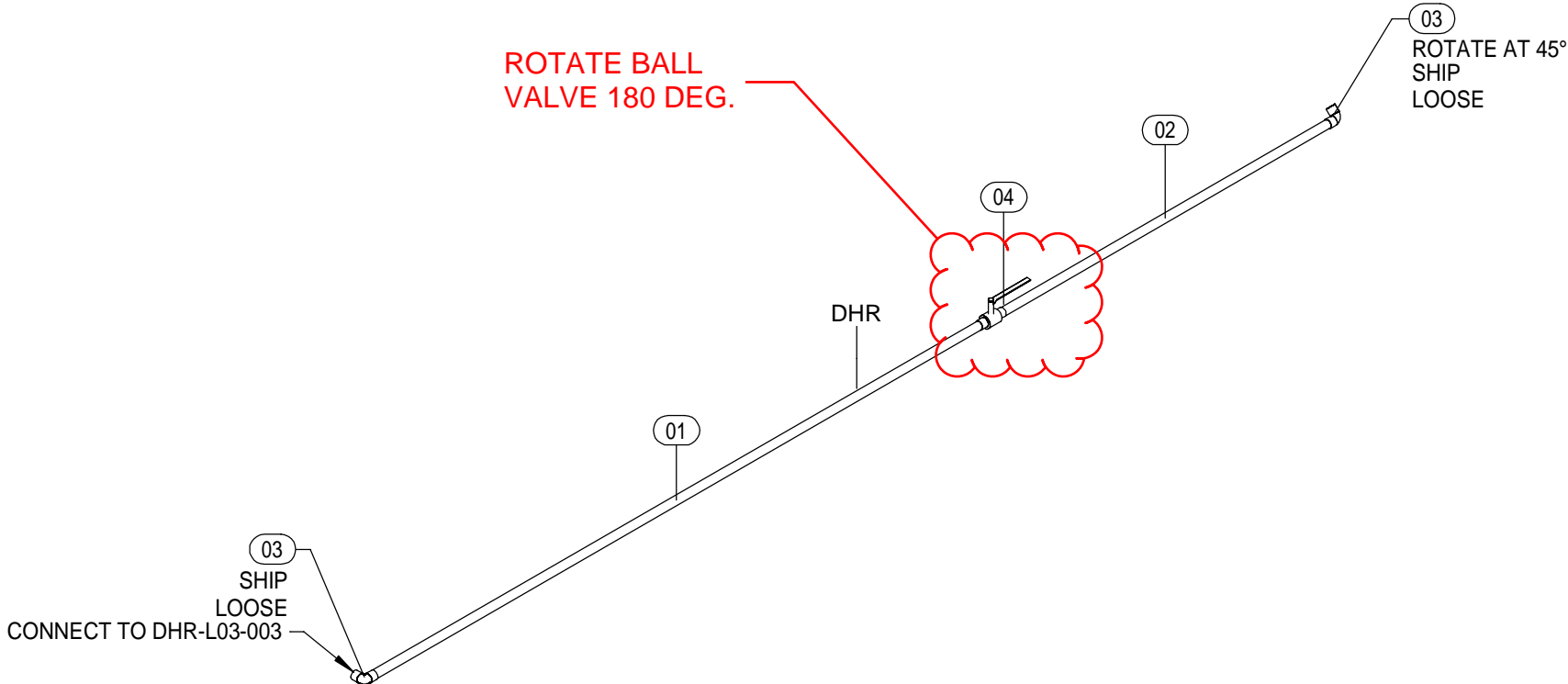
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TICKET:	DCWM-L03-001
Drawn By: Author	
DATE: 08/20/21	DATE REQ:



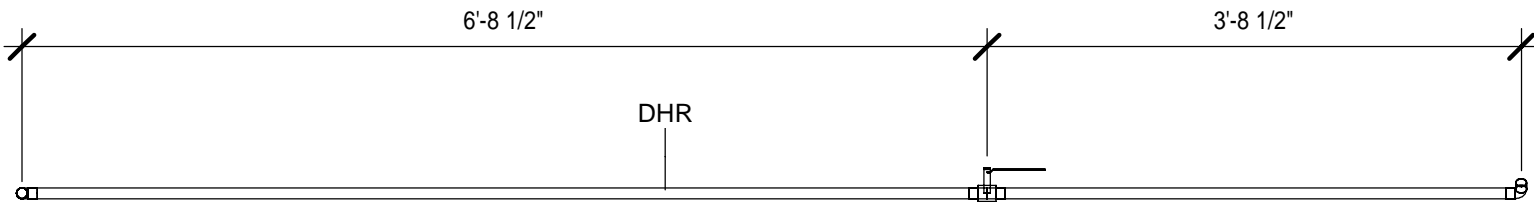
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
20-08-2021 16:09:33

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe	6'-7 3/16"				1"
02	1	3/4"	Cerro Type L Hard Copper Pipe	3'-7 1/4"				1"
03	2	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	1	3/4"	Apollo 77CLF-140 LF-Brz 2pc FP SS-B&S Ball Valve Swt					1"



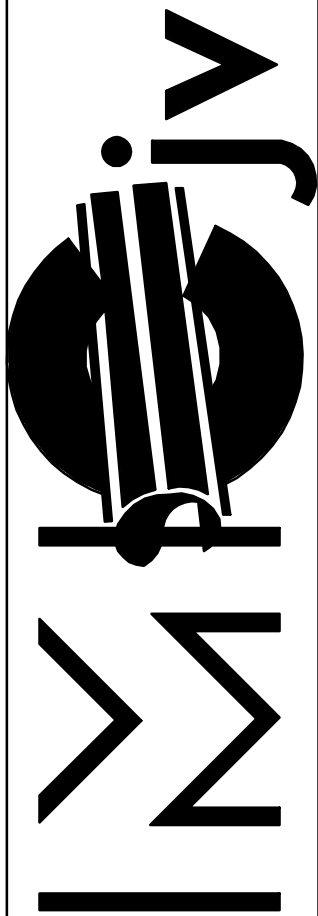
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

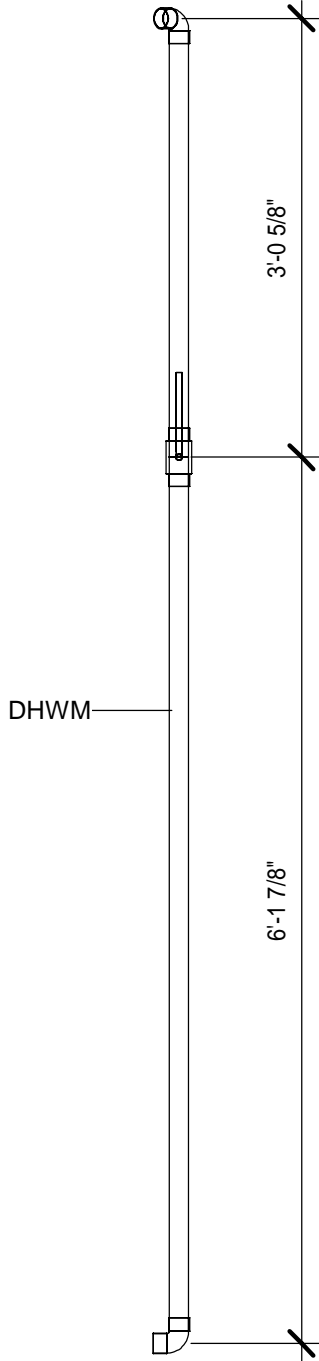
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TICKET: DHR-L03-001
Drawn By: Author
DATE: 08/20/21
DATE REQ:



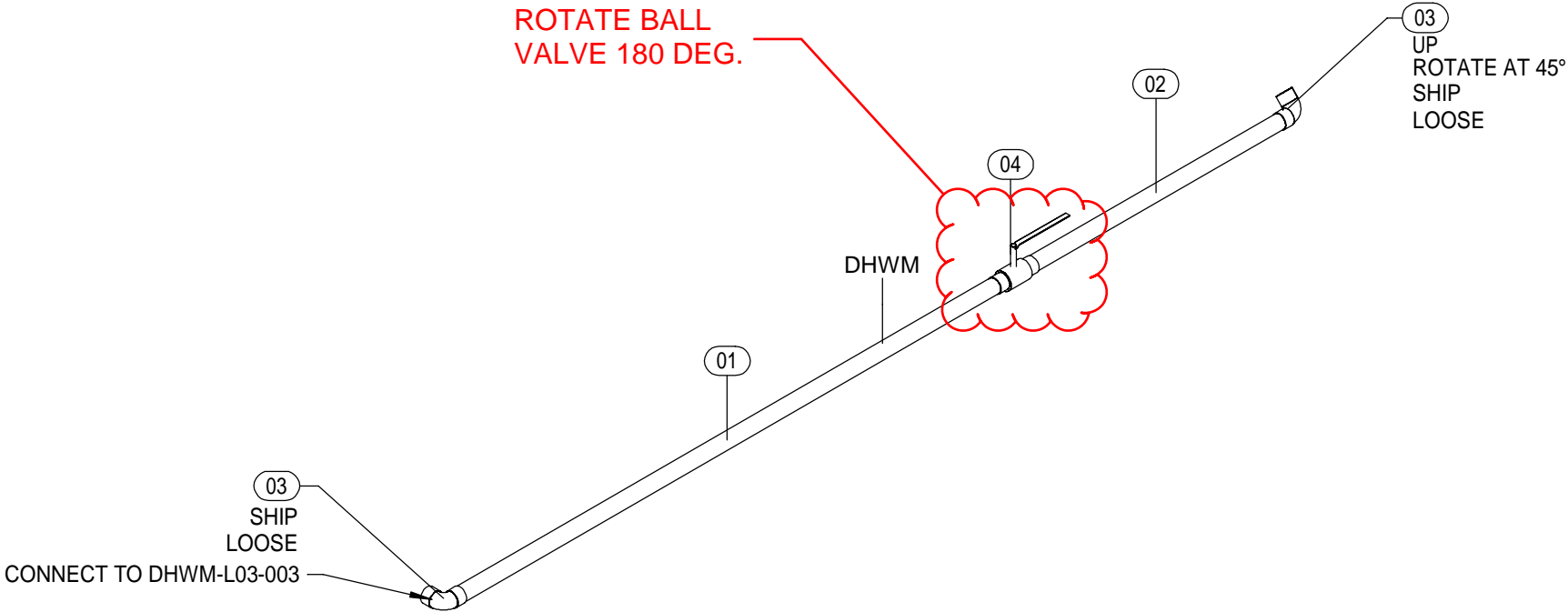
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
20-08-2021 16:47:23

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	5'-11 1/2"				2"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	2'-10 3/16"				2"
03	2	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC					2"
04	1	1 1/2"	Apollo 77CLF-140 LF-Brz 2pc FP SS-B&S Ball Valve Swt					2"



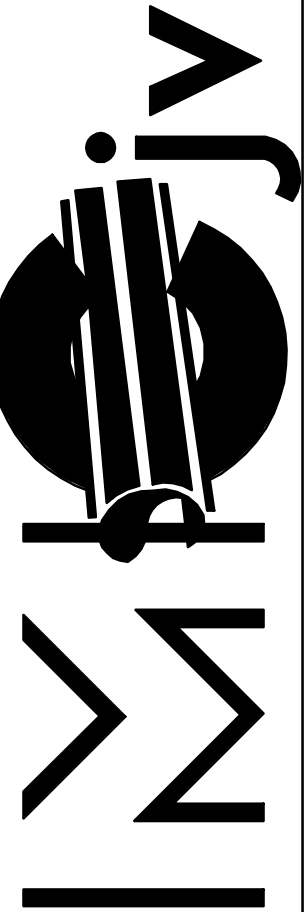
2 TOP VIEW
SCALE: 3/4" = 1'-0"



1 ISOMETRIC
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

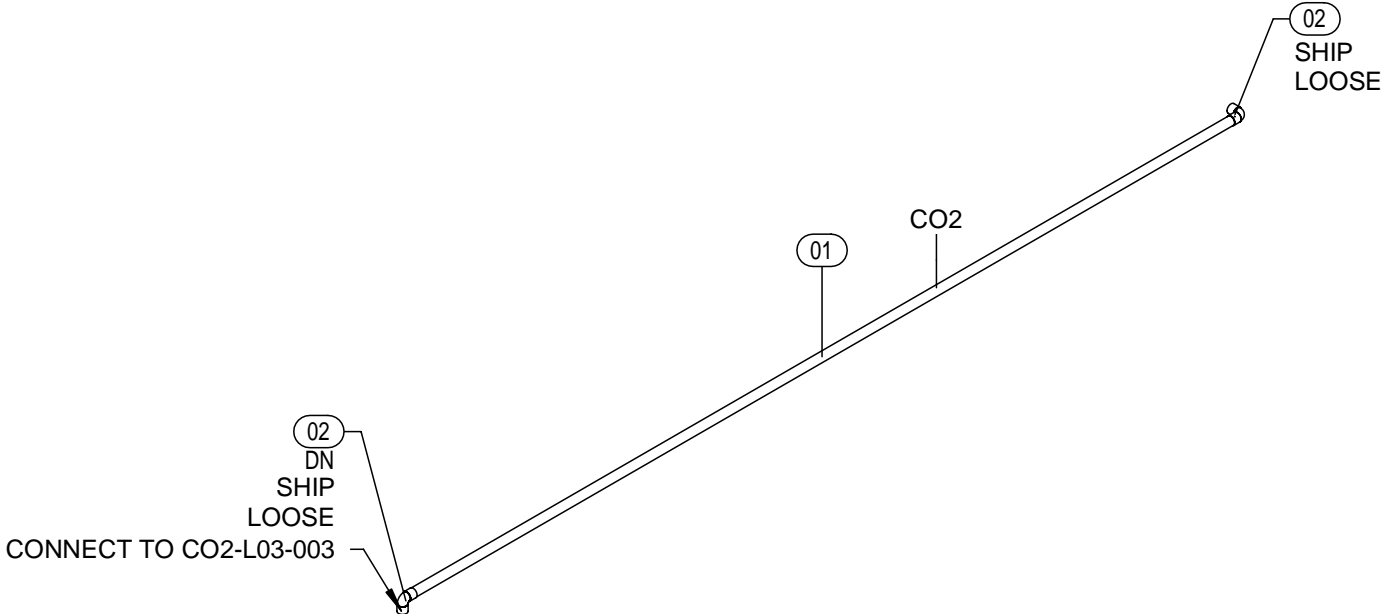
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TICKET:	DHWM-L03-001
Drawn By: Author	
DATE: 08/20/21	DATE REQ:



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

BIM 360/WUSM NRBWUSM_RB_PUF.rvt
18-08-2021 17:09:16

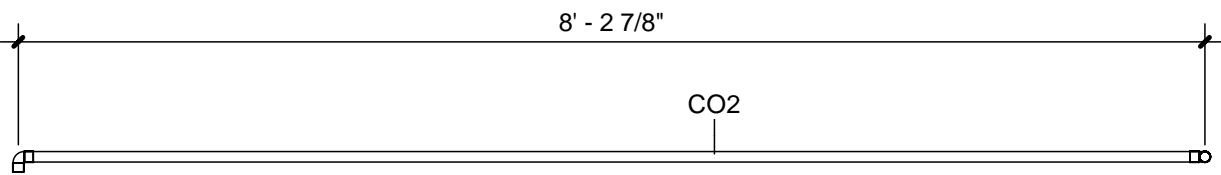
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	8'-1 15/16"				
02	2	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					



1

ISOMETRIC

SCALE:



2

RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

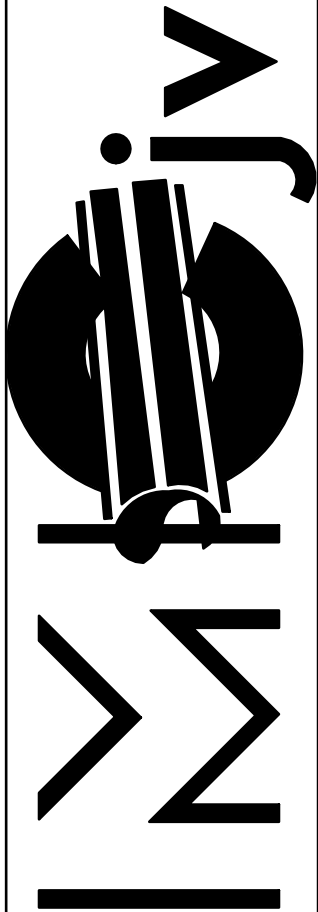
JOB: WASH U NRB

TICKET: CO2-L03-001

Drawn By: Author

DATE: 08/18/21

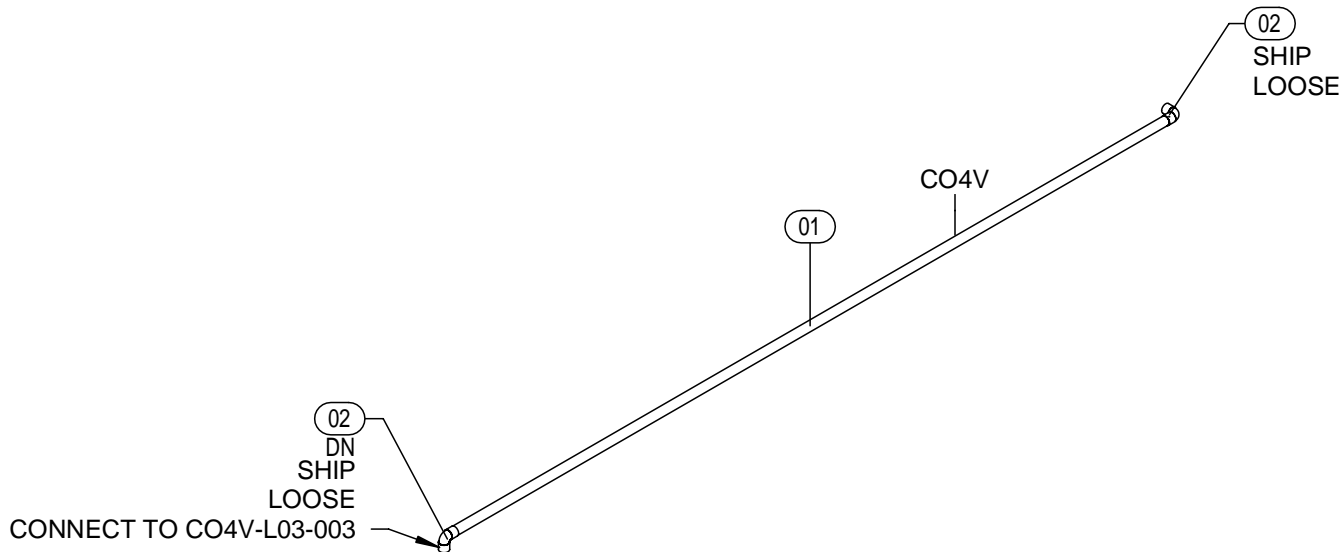
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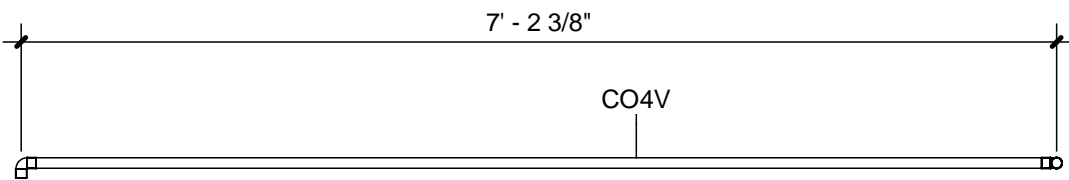
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360/WUSM NRBWUSM_RB_PUF.rvt
18-08-2021 17:16:28

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	7'-1 5/16"				
02	2	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					



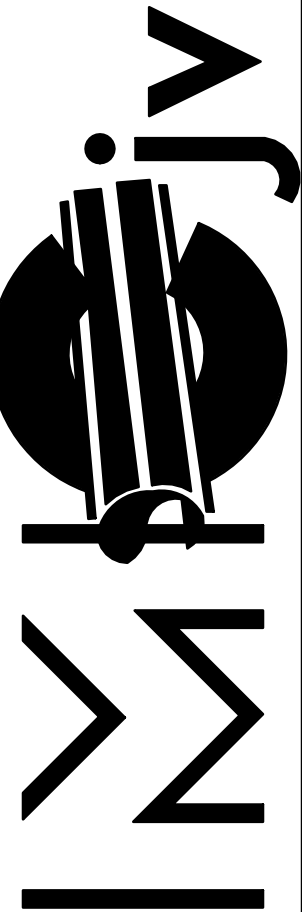
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

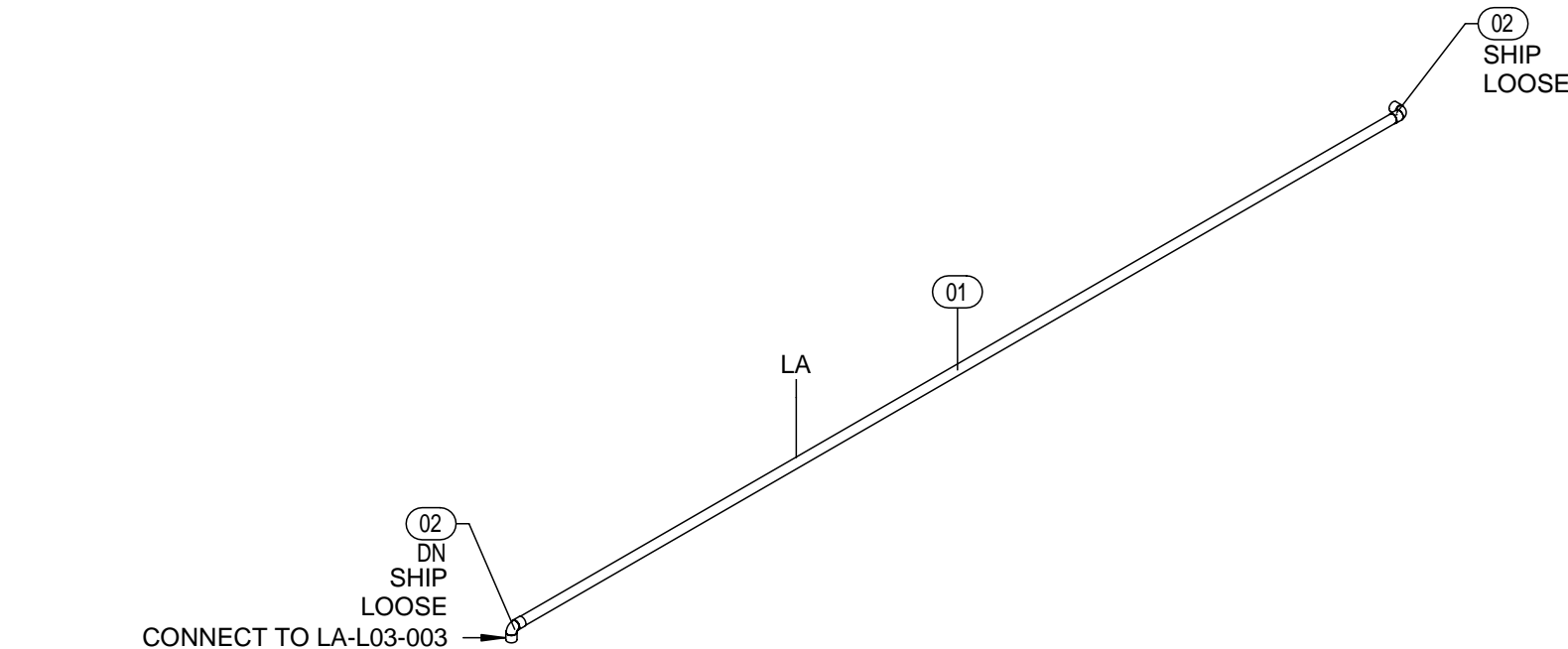
JOB:	WASH U NRB
TICKET:	CO4V-L03-001
Drawn By: Author	
DATE: 08/18/21	DATE REQ:



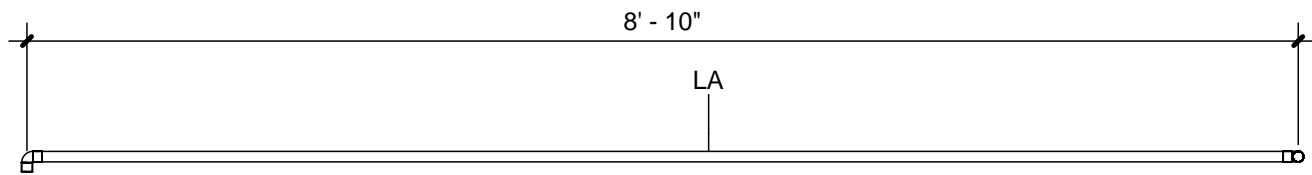
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360/WUSM NRBWUSM_RB_PUF.rvt
18-08-2021 16:56:06

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	8'-9"				
02	2	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					



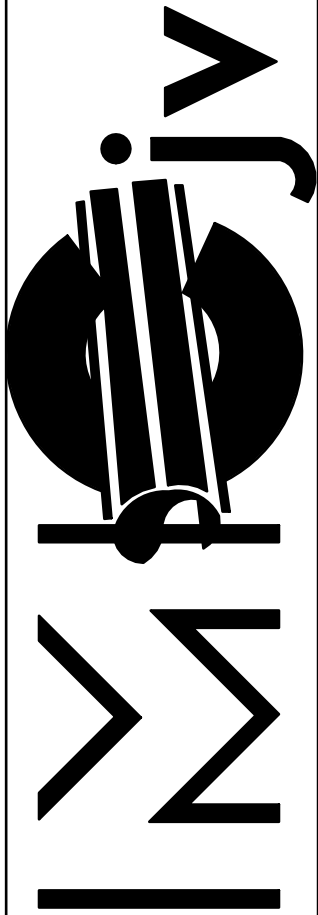
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

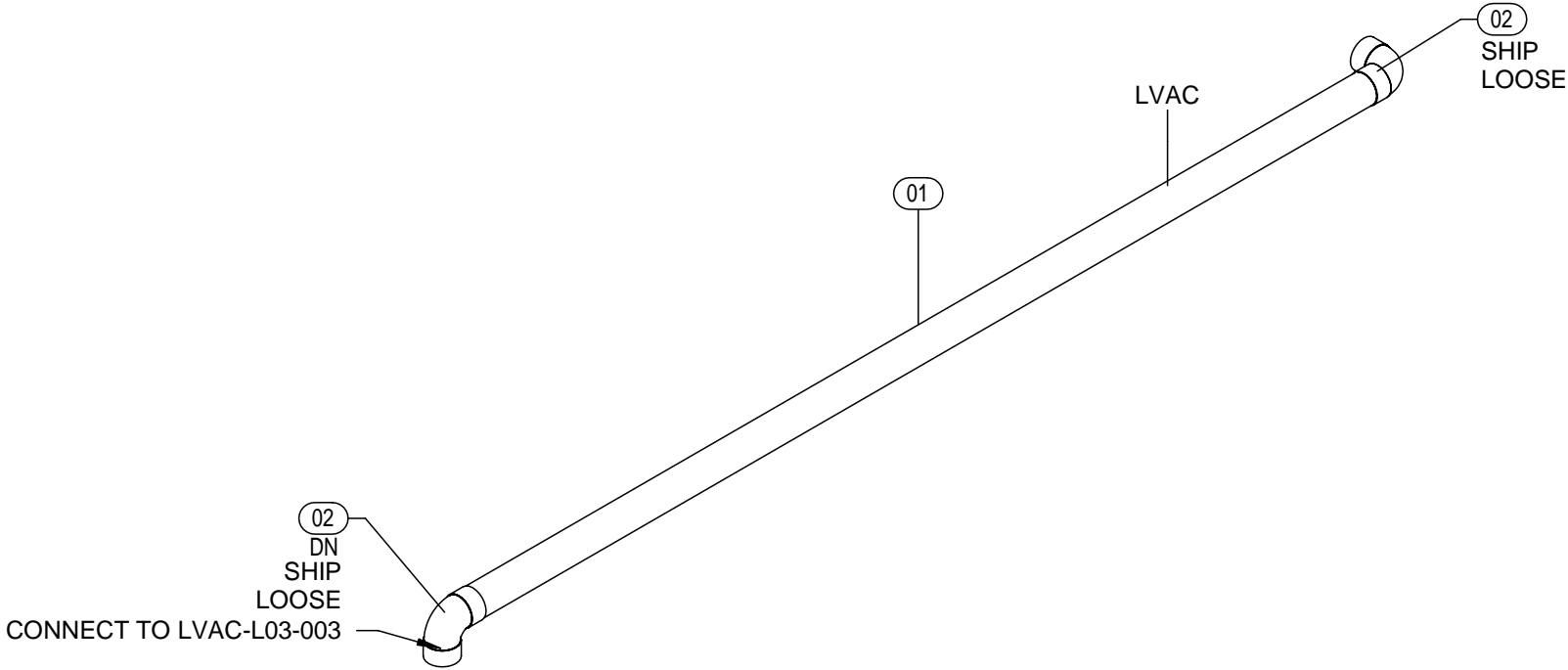
JOB: WASH U NRB
TICKET: LA-L03-001
Drawn By: Author
DATE: 08/18/21
DATE REQ:



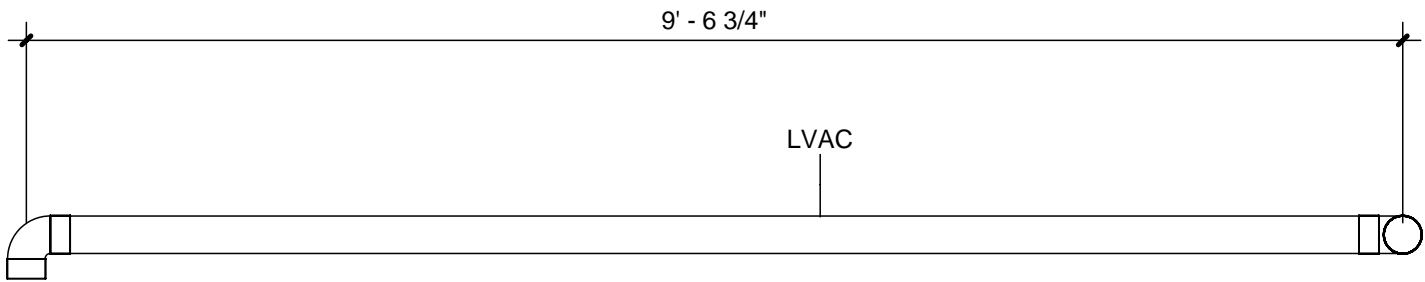
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360/WUSM NRBWUSM_RB_PUF.rvt
18-08-2021 16:39:51

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3"	Cerro Type L Hard Copper - CFOS	9'-2 3/4"				
02	2	3"	Nibco 607-CB CFOS Wrot 90 Elbow					



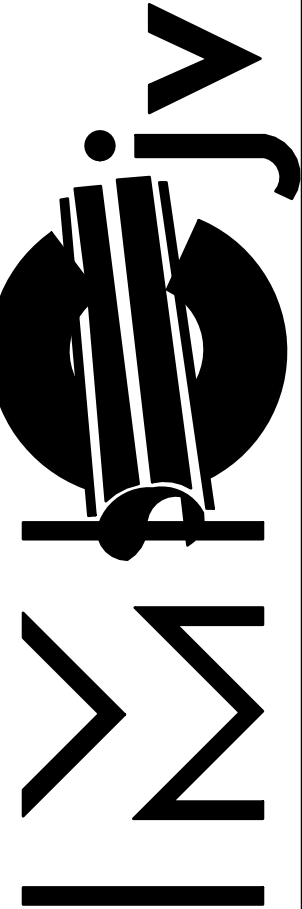
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

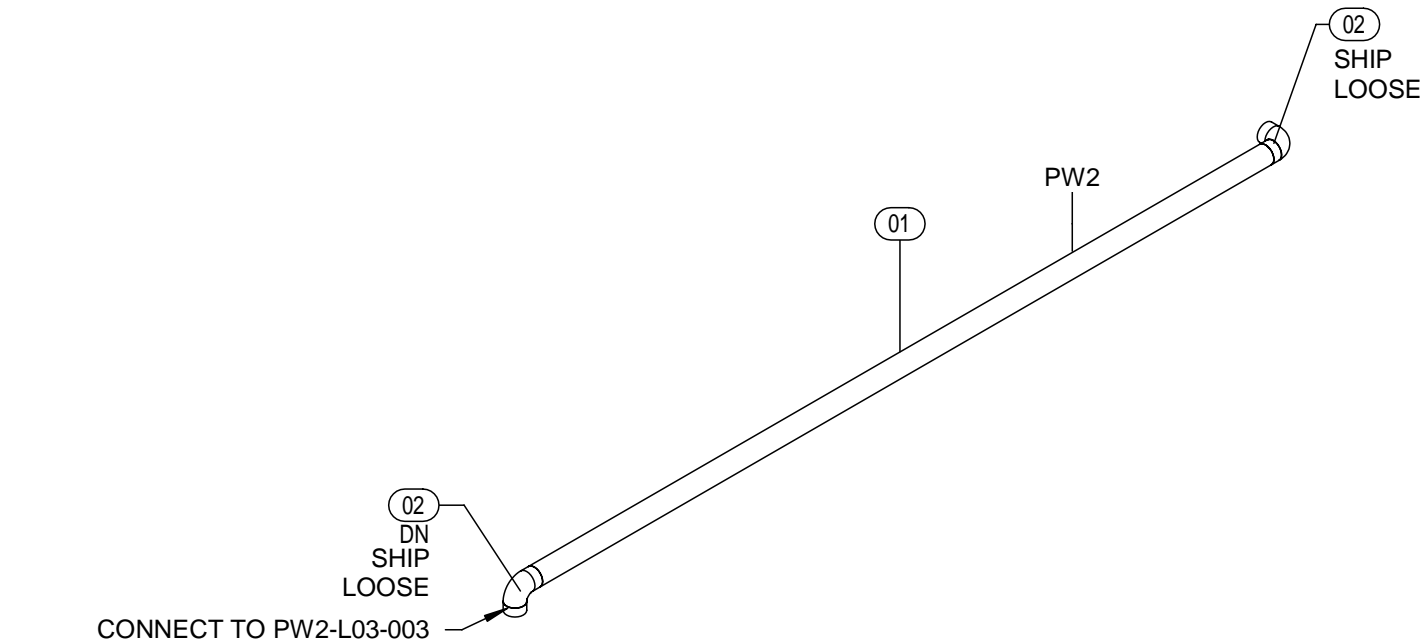
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TICKET:	LVAC-L03-001
Drawn By:	Author
DATE:	08/18/21
DATE REQ:	



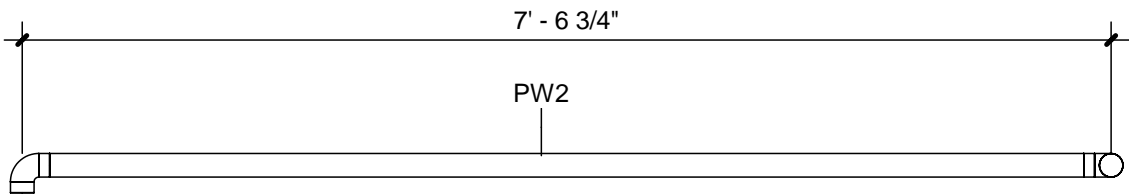
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360/WUSM NRBWUSM_RB_PUF.rvt
18-08-2021 17:25:55

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	7'-2 3/16"				
02	2	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow					



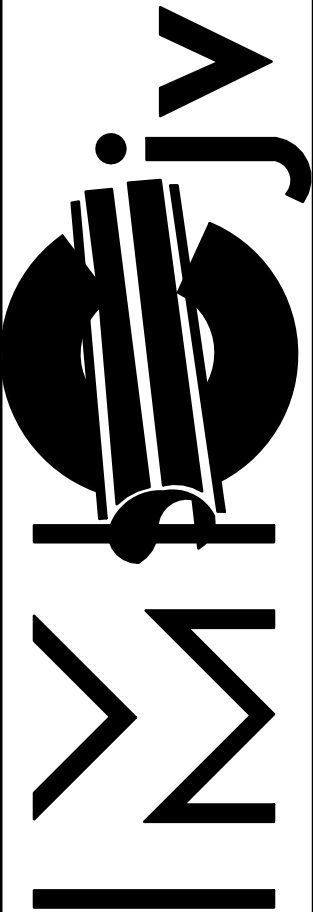
1 **ISOMETRIC**
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW2-L03-001
Drawn By: Author	
DATE: 08/18/21	DATE REQ:



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