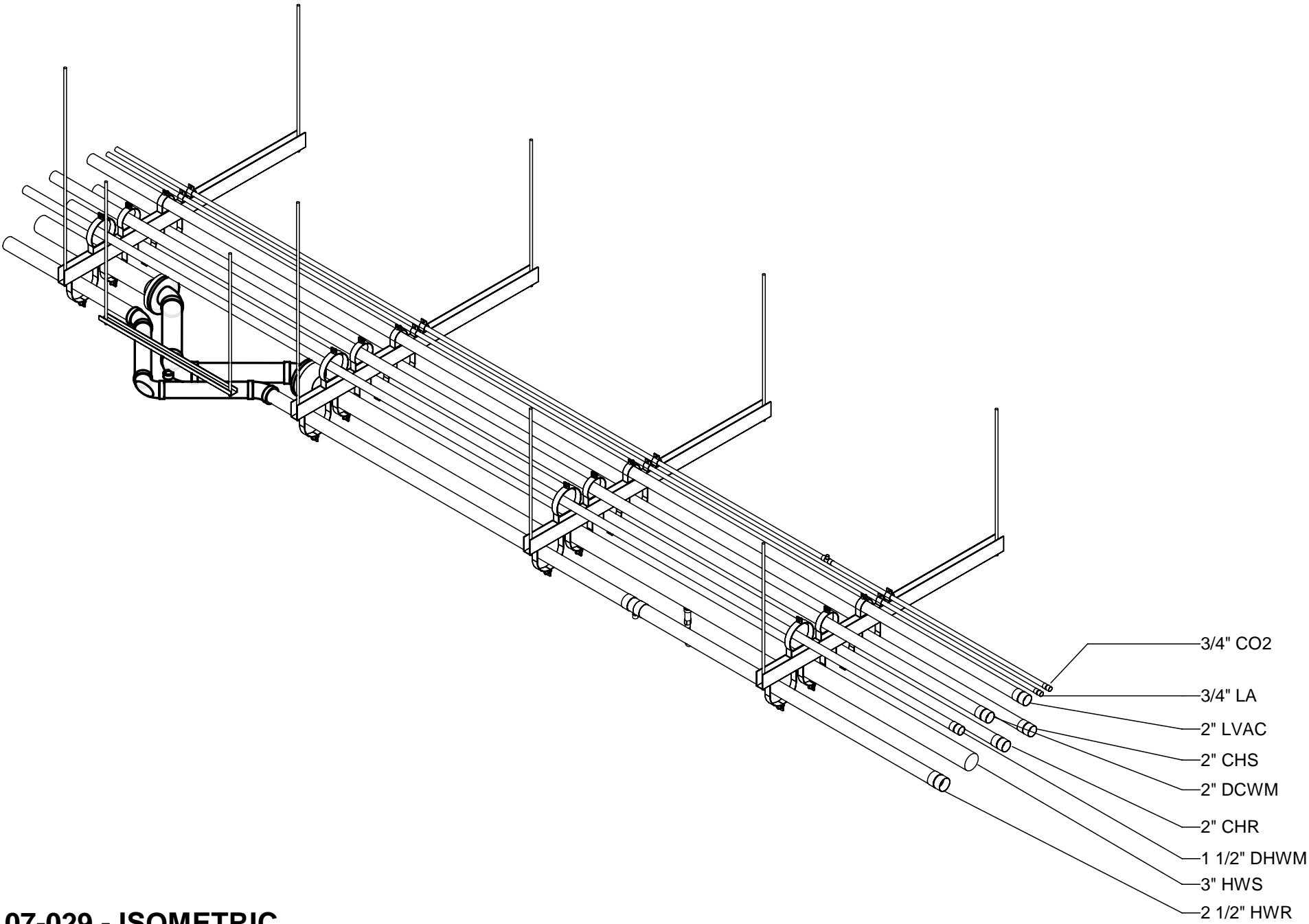
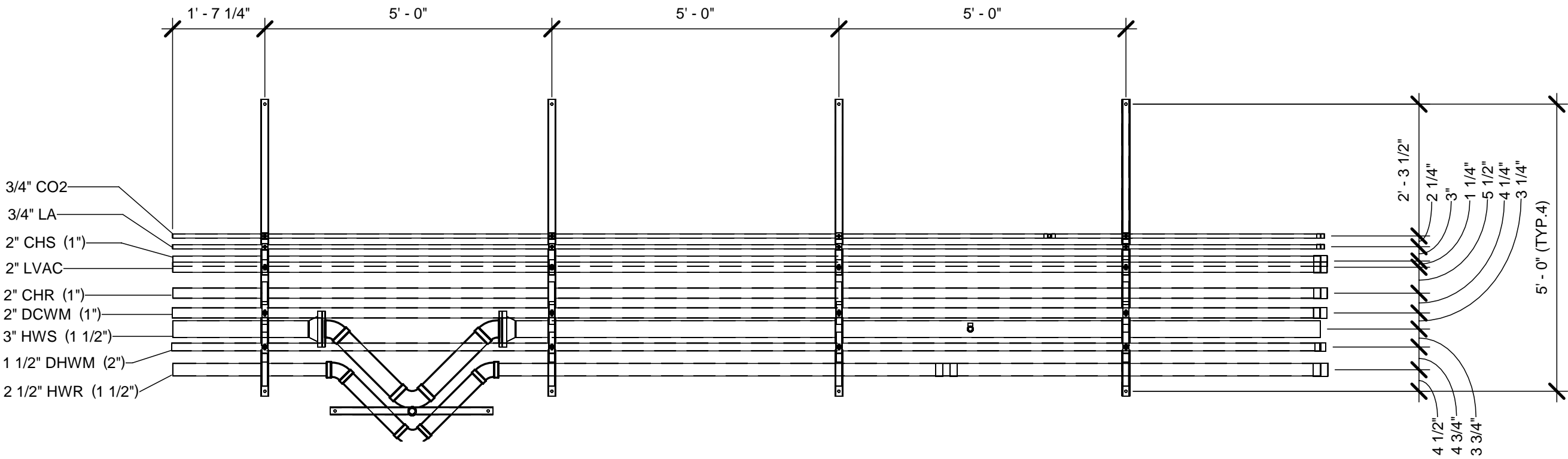


BIM 360//WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
23-11-2021 16:09:05

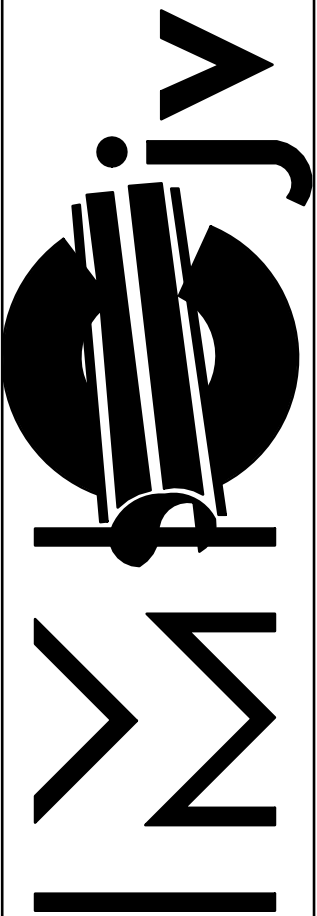


1 AS-L07-029 - ISOMETRIC
AS-L07-029 SCALE:



2 AS-L07-029
AS-L07-029 SCALE: 1/2\"/>

A1	A3	B1	B3
A2	A4	B2	B4

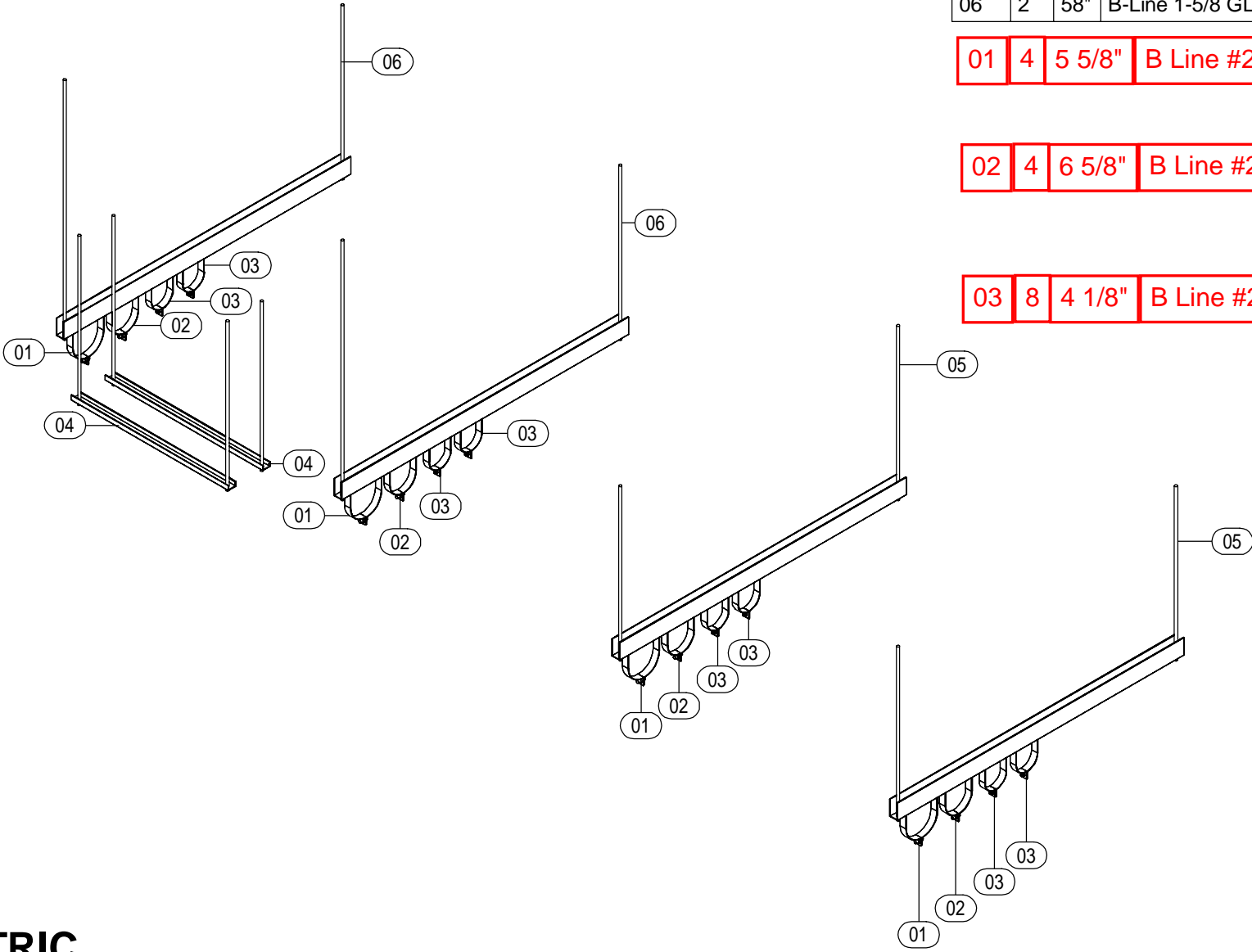


1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

JOB:	WASH U NRB
TICKET:	AS-L07-029
Drawn By: Author	
DATE: 11/23/21	DATE REQ:

BIM 360//WUSM NRBWUSM_RB_HPF.rvt
01-12-2021 12:45:00

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	4	6"	B-Line D2000 ZN Sch 40 Pipe Clamp		0"		0"	
02	4	5"	B-Line D2000 ZN Sch 40 Pipe Clamp		0"		0"	
03	8	4"	B-Line D2000 ZN Sch 40 Pipe Clamp		0"		0"	
04	2	30"	B-Line 13/16 GLV 12GA 2in Slotted Unistrut		2' - 10"	2' - 7 3/4"	2' - 7 3/4"	
05	2	58"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		5' - 2"	2' - 8 5/8"	2' - 8 5/8"	
06	2	58"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		5' - 2"	4' - 0 5/8"	2' - 8 5/8"	



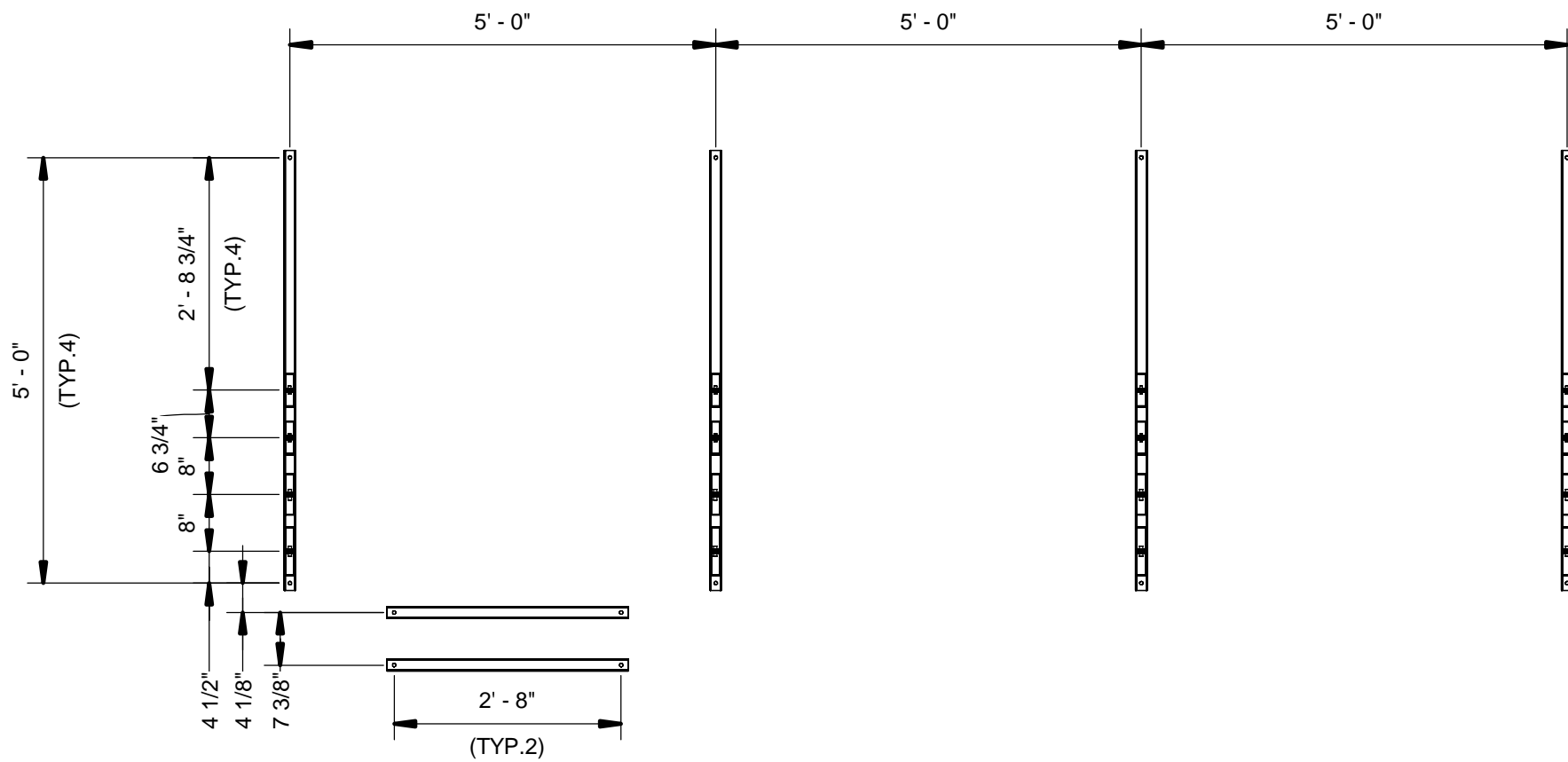
01 4 5 5/8" B Line #2066

02 4 6 5/8" B Line #2020

03 8 4 1/8" B Line #2054

1 ISOMETRIC

SCALE:



2 TOP VIEW

SCALE: 1/2" = 1'-0"

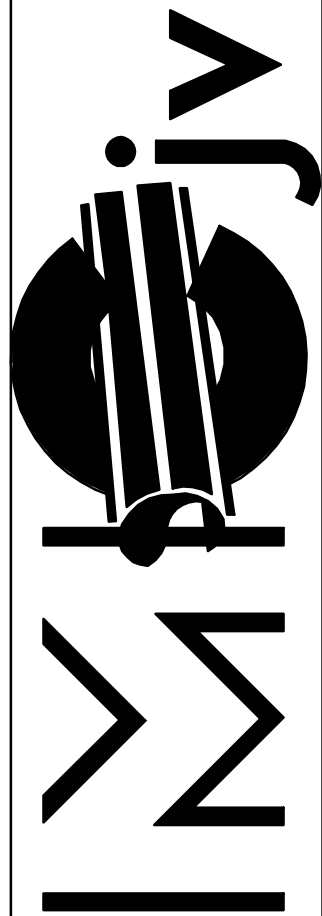
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: HPHGR-L07-029

Drawn By: Author

DATE: 12/01/21 DATE REQ:



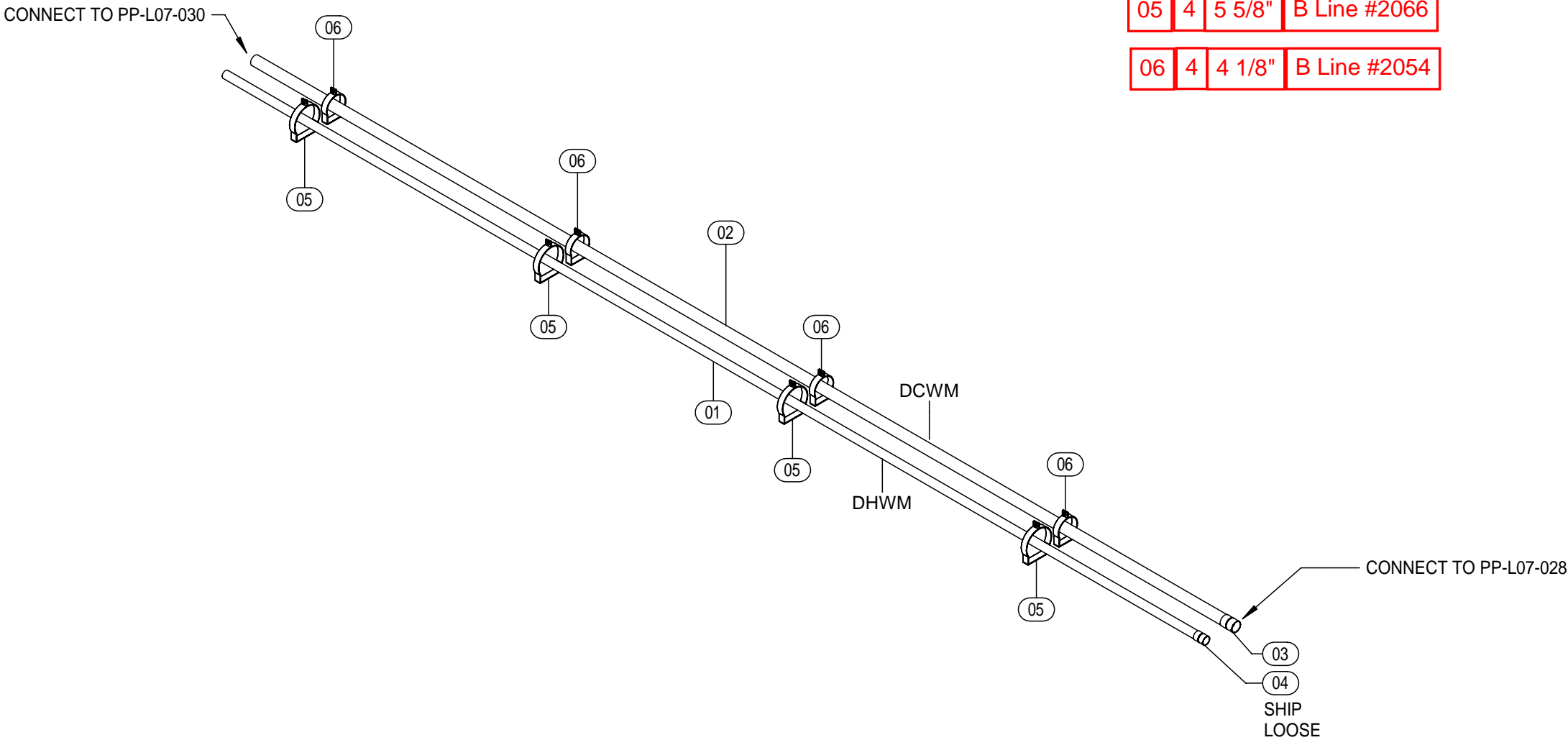
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
23-11-2021 05:31:37 PM

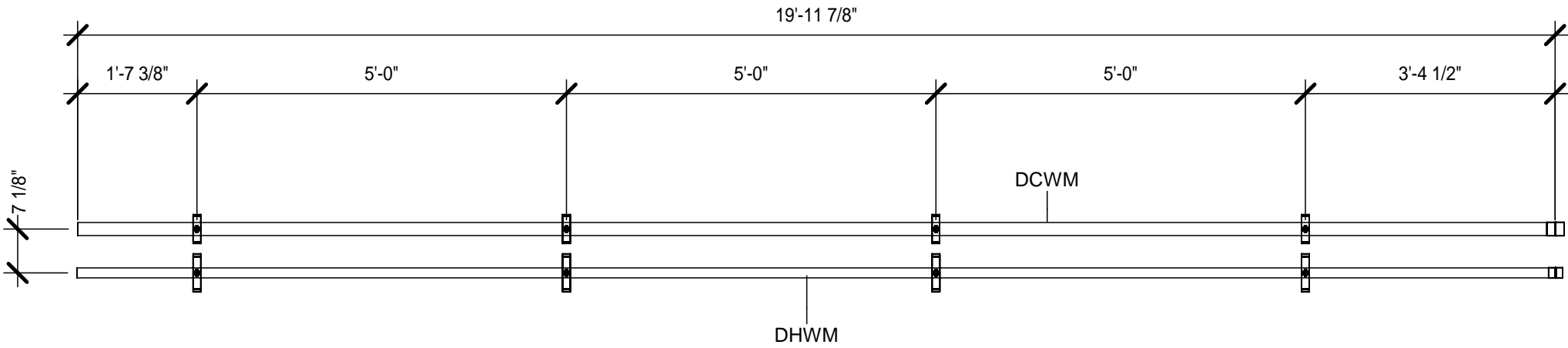
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	20'-0 1/16"				2"
02	1	2"	Cerro Type L Hard Copper Pipe	19'-11 15/16"				1"
03	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
04	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"
05	4	5.13"	B-Line B2000 Series - OD Pipe and Conduit		0"		0"	
06	4	4.13"	B-Line B2000 Series - OD Pipe and Conduit		0"		0"	

05 4 5 5/8" B Line #2066

06 4 4 1/8" B Line #2054



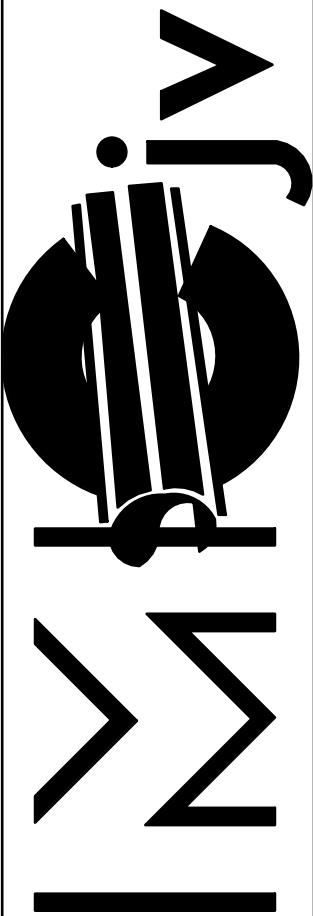
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

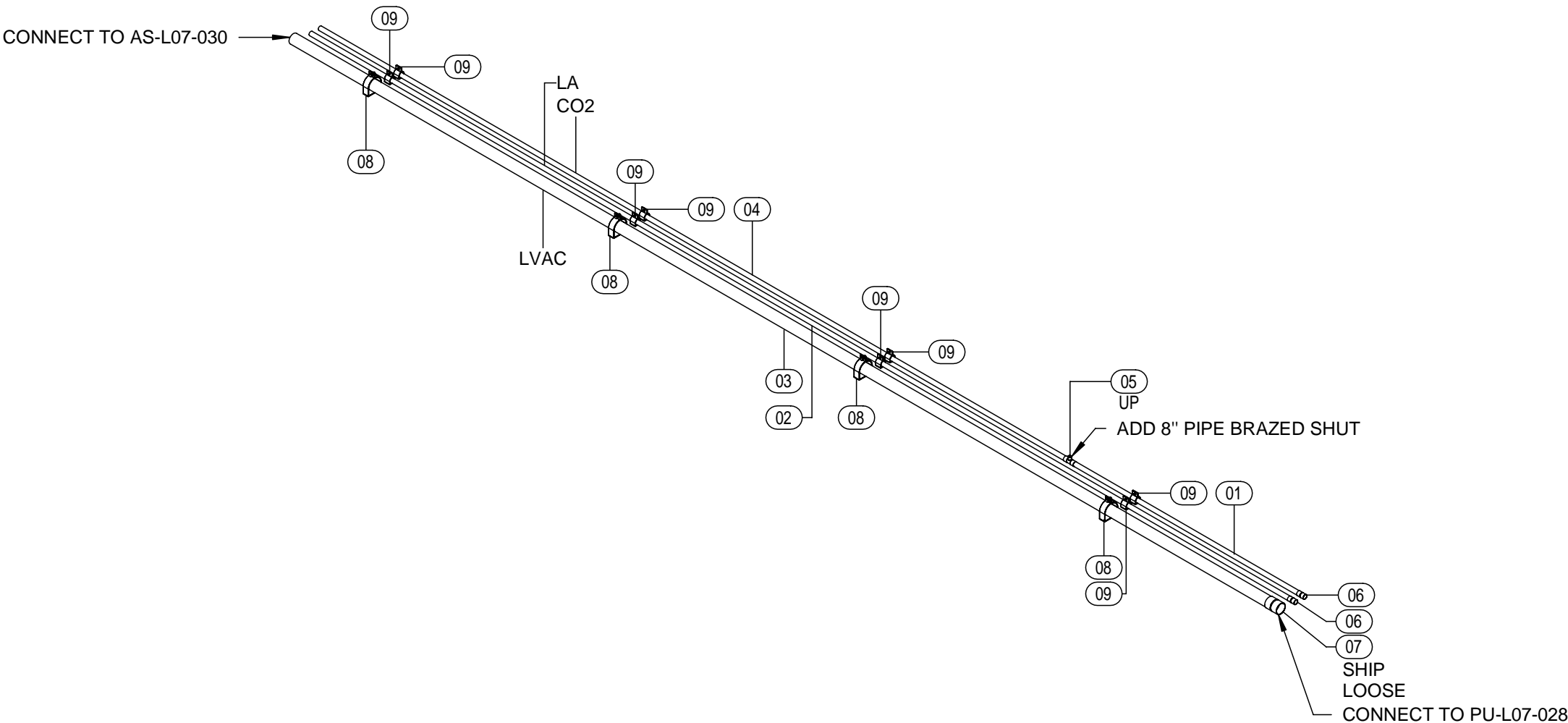
JOB: WASH U NRB
TICKET: PP-L07-029
Drawn By: Author
DATE: 11/23/21
DATE REQ:



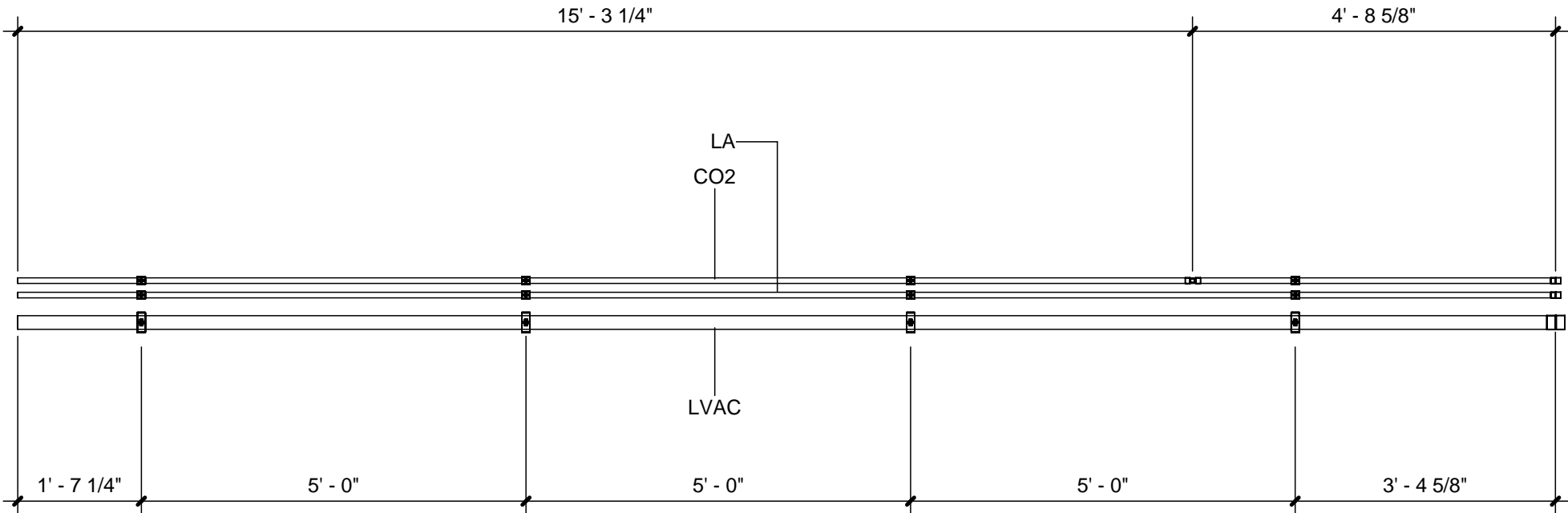
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360//WUSM NRBWUSM_RB_PUF.rvt
23-11-2021 18:10:53

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	4'-8 1/8"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	19'-11 7/8"				
03	1	2"	Cerro Type L Hard Copper - CFOS	19'-11 7/8"				
04	1	3/4"	Cerro Type L Hard Copper - CFOS	15'-2 7/8"				
05	1	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
06	2	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					
07	1	2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					
08	4	2.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
09	8	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					



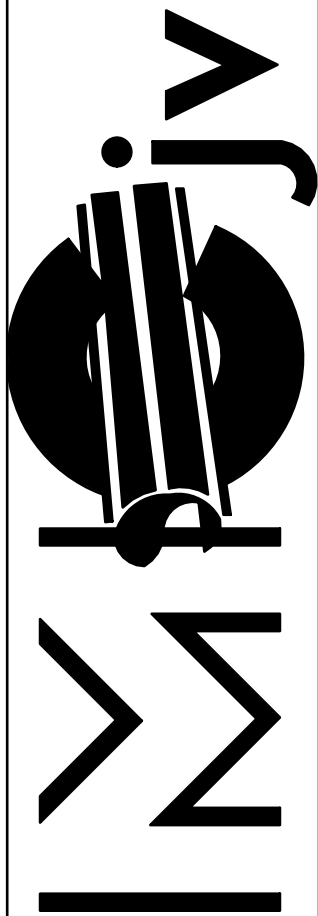
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

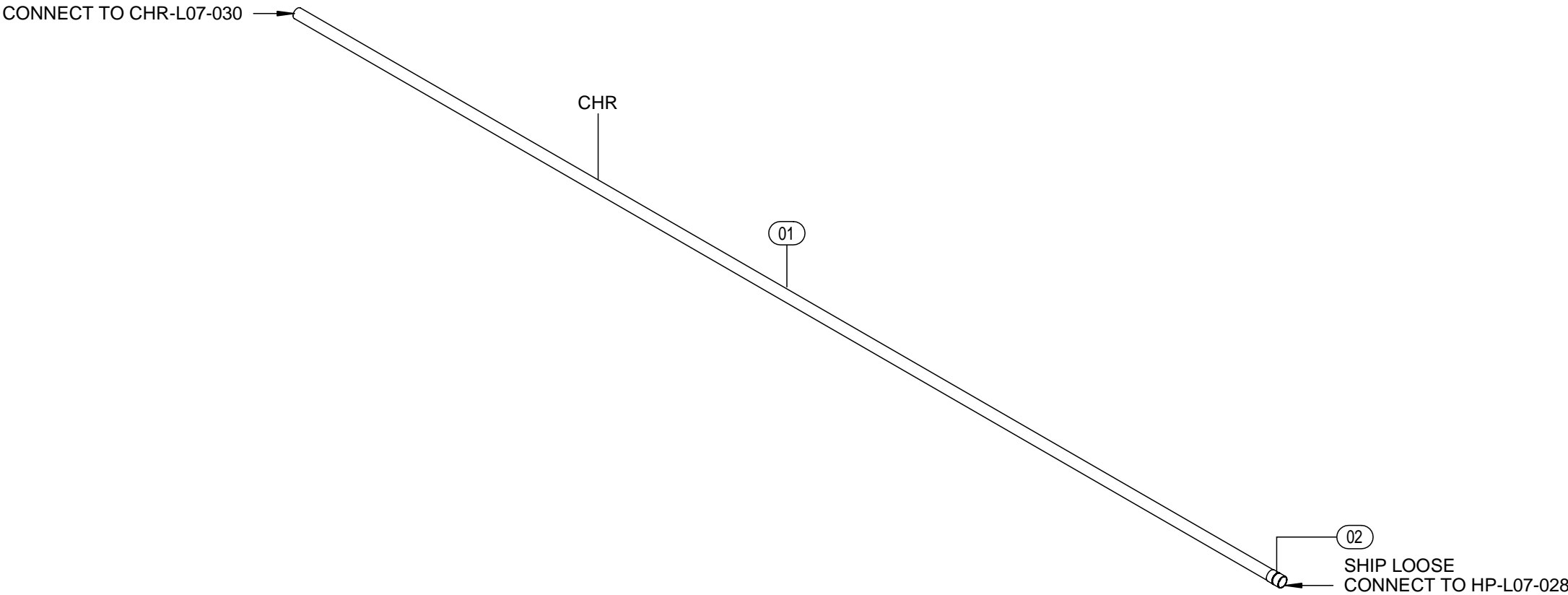
JOB: WASH U NRB
TICKET: PU-L07-029
Drawn By: Author
DATE: 11/23/21
DATE REQ:



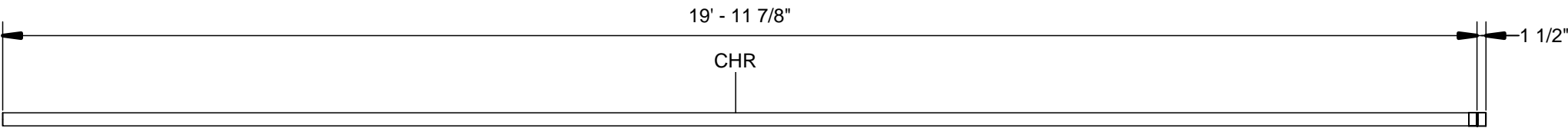
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360/WUSM NRBWUSM_RB_HPE.rvt
23-11-2021 12:35:58

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	19'-11 7/8"				1"
02	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



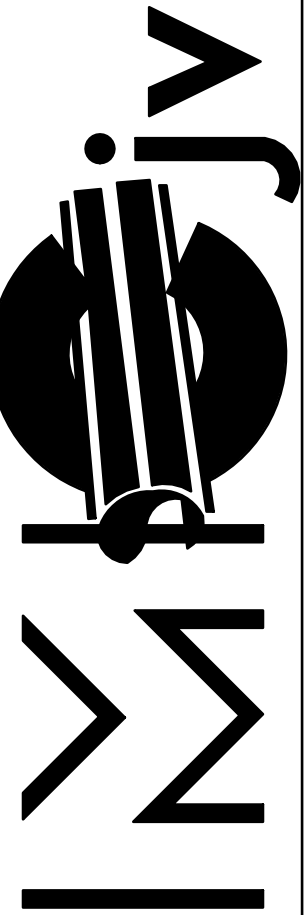
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

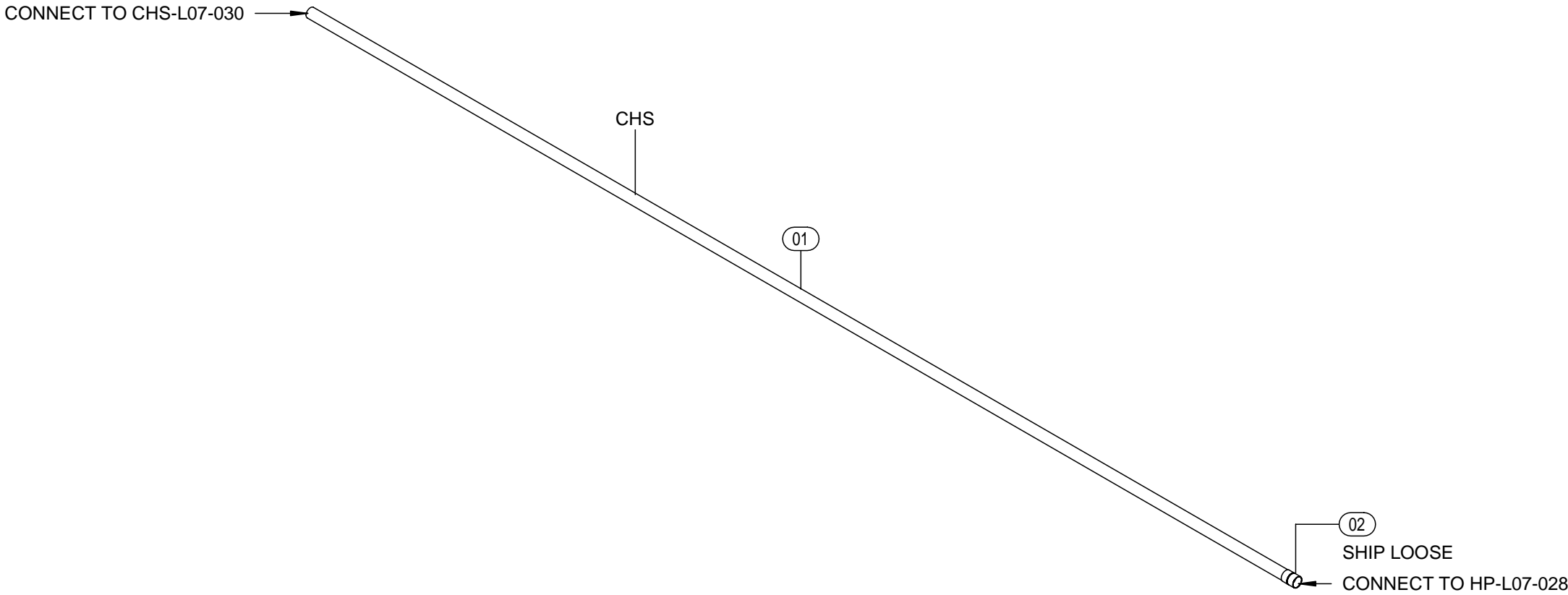
JOB:	WASH U NRB
TICKET:	CHR-L07-029
Drawn By:	Author
DATE:	11/23/21
DATE REQ:	



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

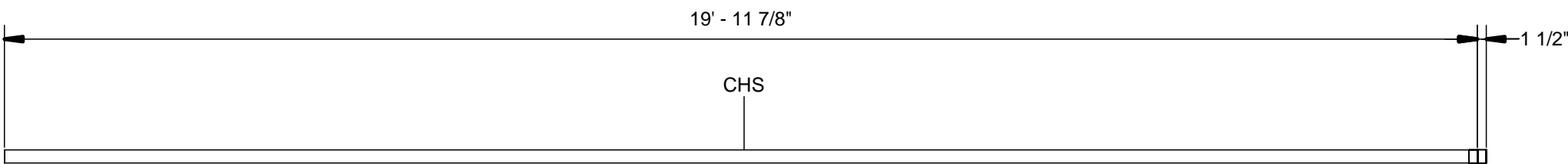
BIM 360/WUSM NRBWUSM_RB_HPE.rvt
23-11-2021 12:36:50

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	19'-11 7/8"				1"
02	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1 ISOMETRIC

SCALE:

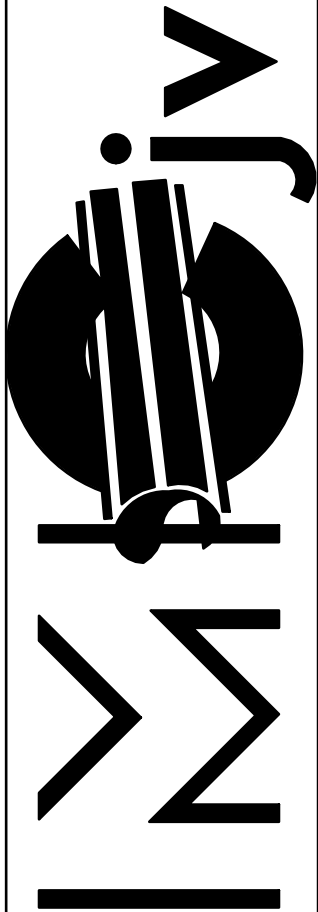


2 FRONT ELEVATION

SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

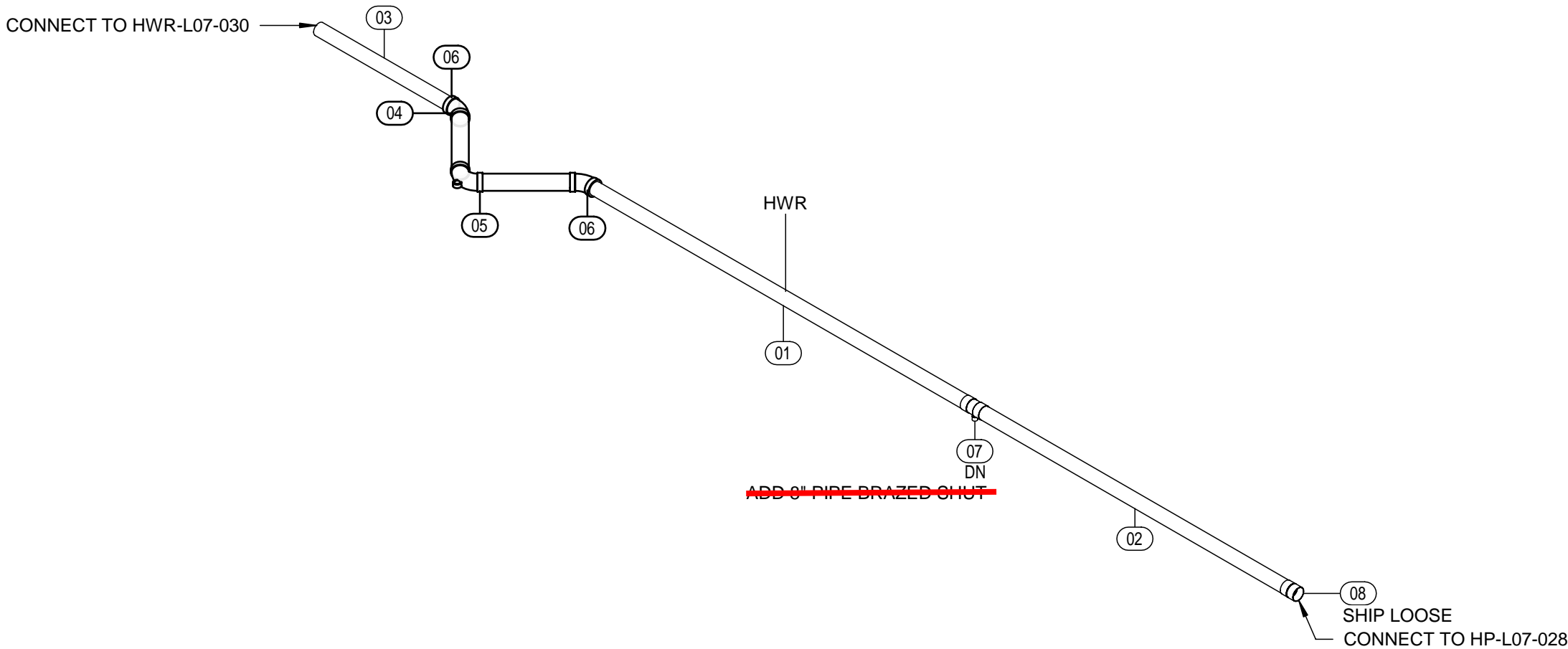
JOB: WASH U NRB
TICKET: CHS-L07-029
Drawn By: Author
DATE: 11/23/21
DATE REQ:



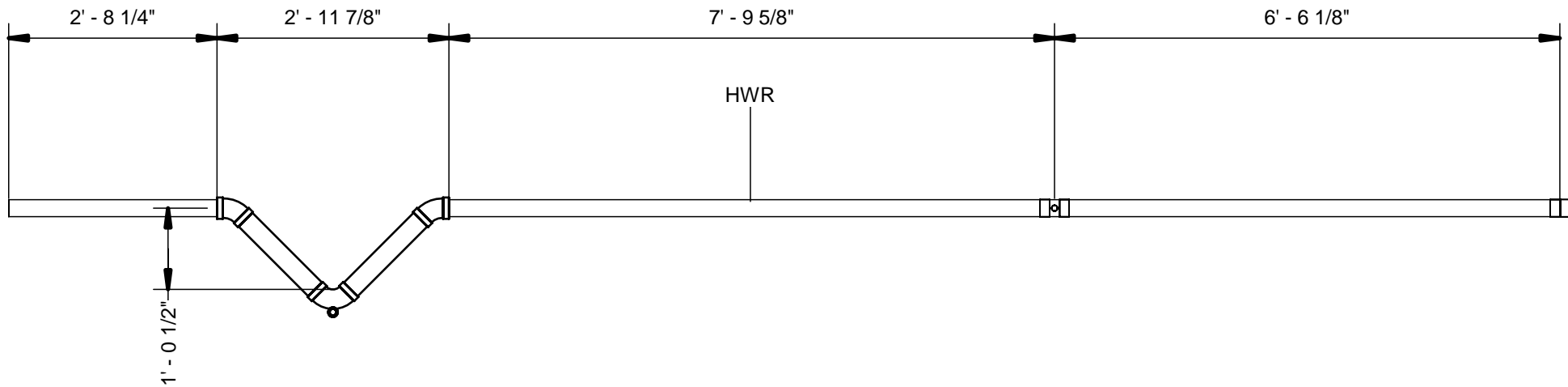
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360/WUSM NRBWUSM_RB_HPF.rvt
23-11-2021 12:34:13

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2 1/2"	Cerro Type K Hard Copper Pipe	7'-8 7/8"				1 1/2"
02	1	2 1/2"	Cerro Type K Hard Copper Pipe	6'-5 3/8"				1 1/2"
03	1	2 1/2"	Cerro Type K Hard Copper Pipe	2'-8 3/16"				1 1/2"
04	1	2 1/2"	V-Loop - Sweat Ends 3" Movement					0"
05	1		Generic Elbow with Support Bracket and Sockets					0"
06	2		Generic Elbow with Sockets					0"
07	1	2 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
08	1	2 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



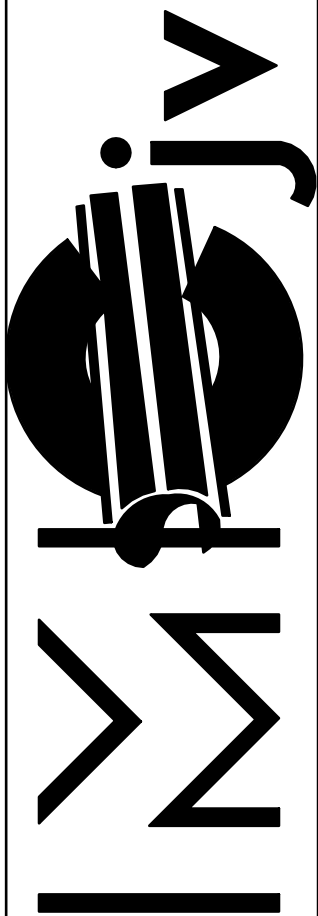
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

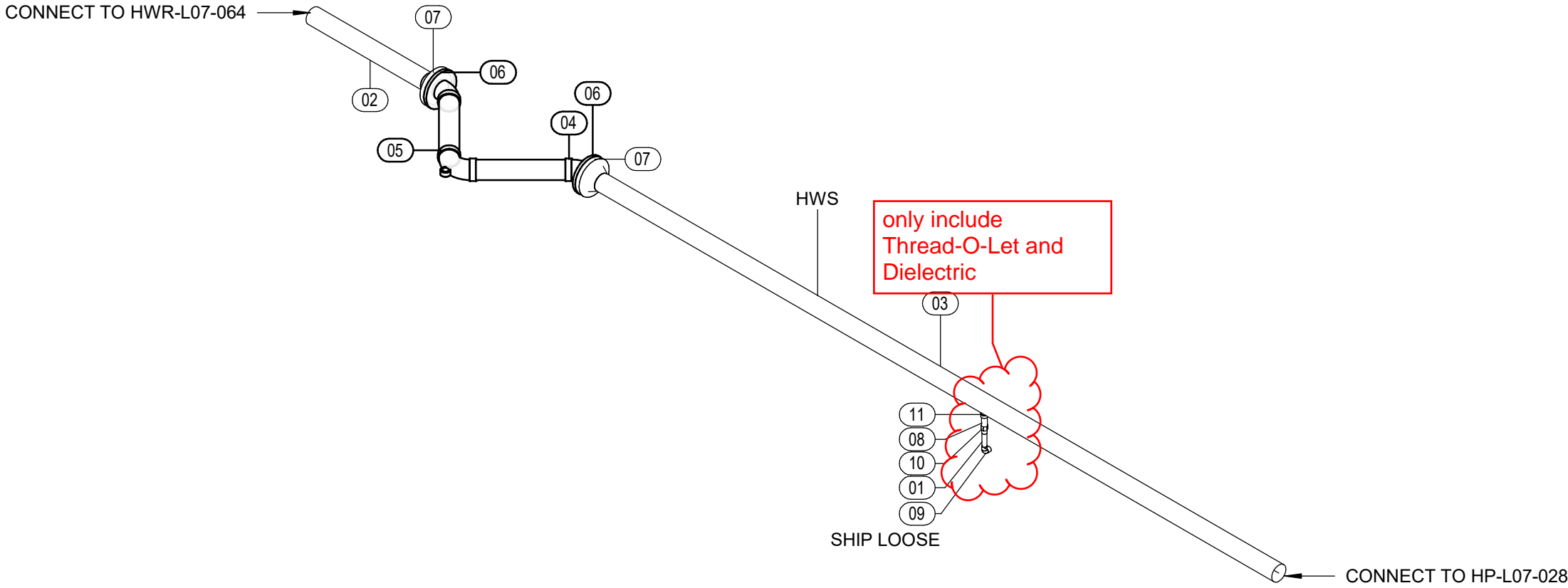
JOB: WASH U NRB
TICKET: HWR-L07-029
Drawn By: Author
DATE: 11/23/21
DATE REQ:



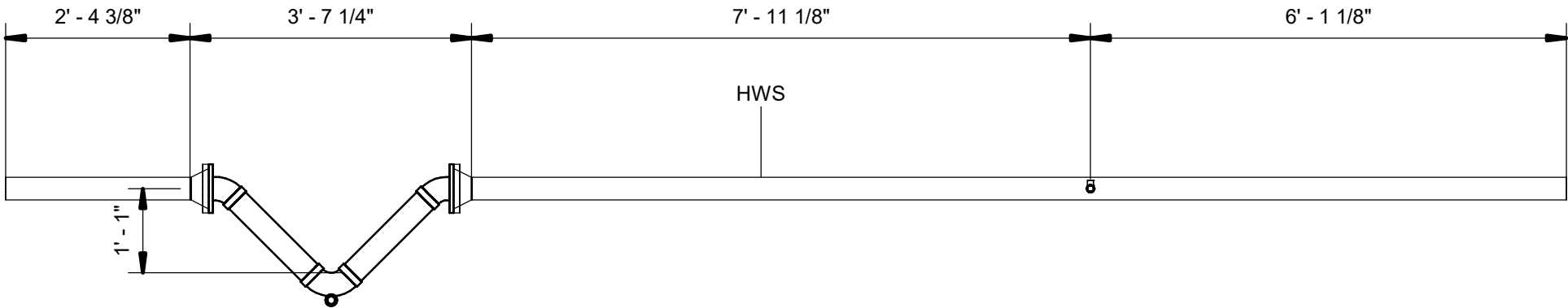
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360//WUSM NRBWUSM RB HPF.rvt
12/9/2021 11:21:33 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Corn Type K Hard Copper Pipe	0'-4 3/8"				1"
02	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	2'-4 3/8"				1 1/2"
03	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	14'-0 1/8"				1 1/2"
04	1	3"	V-Loop - Flanged Ends 3" Movement					0"
05	1		Generic Elbow with Support Bracket and Sockets					0"
06	2		Generic Elbow with Socket and Flange					0"
07	2	3"	Weldbend 150lb RF Sch 40 Bore SA105 CS WN Flg					1 1/2"
08	1	3/4"	Victaulic No.647 TT Dielectric Transition Fitting					1"
09	1	3/4"	Nibco Wrot 607 90 Deg Ell Cx C					1"
10	1	3/4"	Nibco Wrot 608 Adapter Cx F					1"
11	1	3"x3/4"	Anvil 3000# FS Thread-O-Let					1"



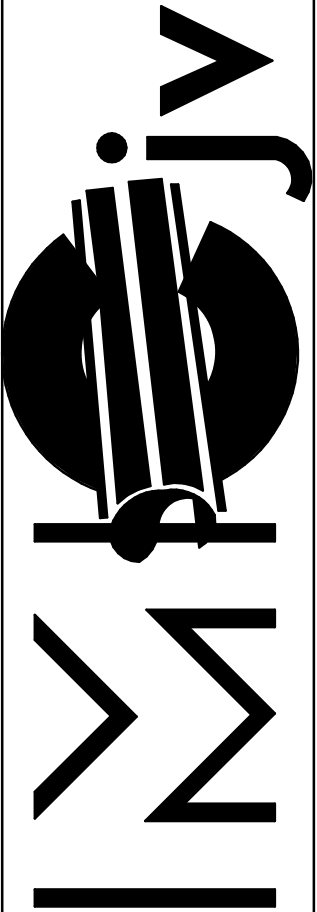
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	HWS-L07-029
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



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