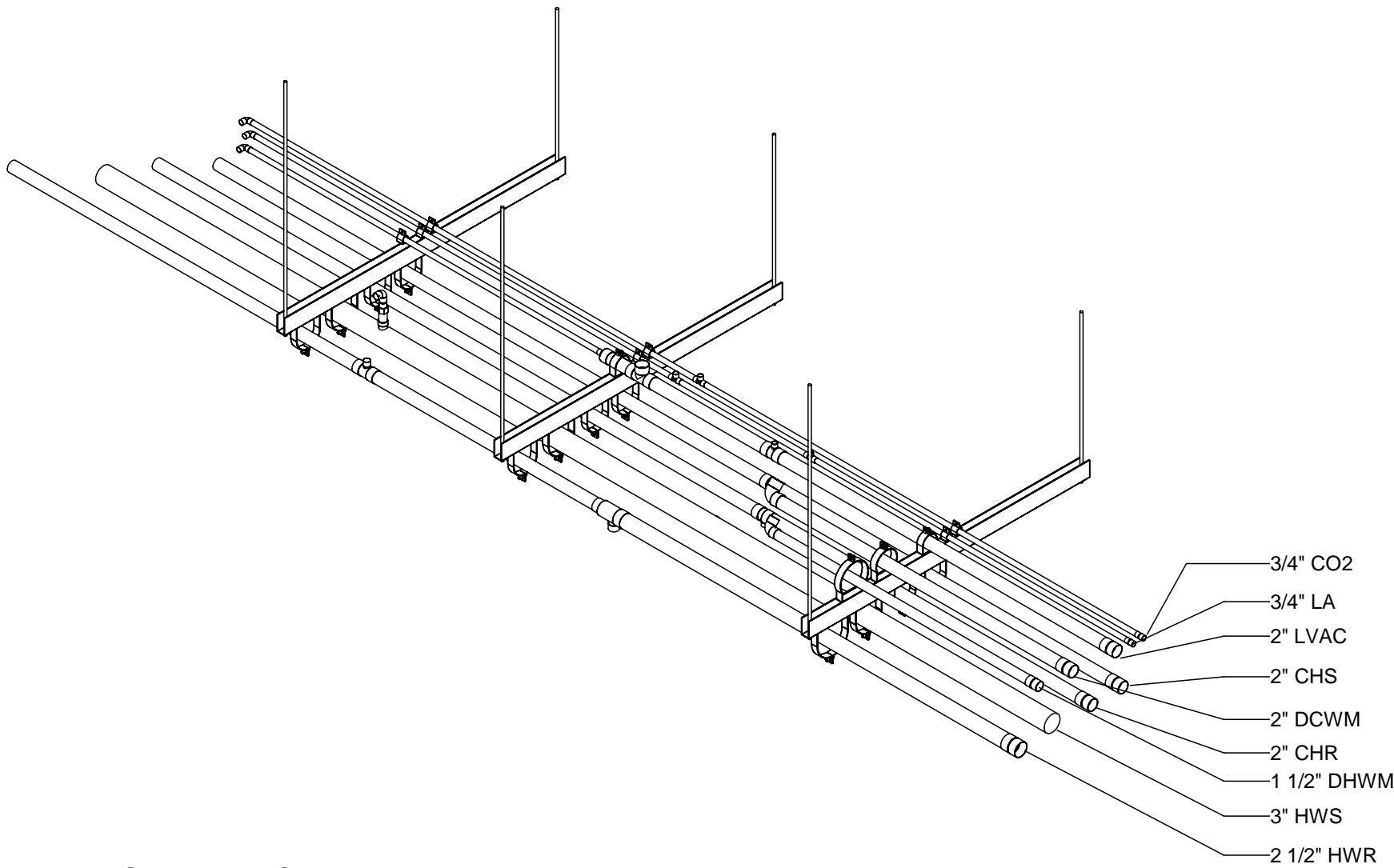
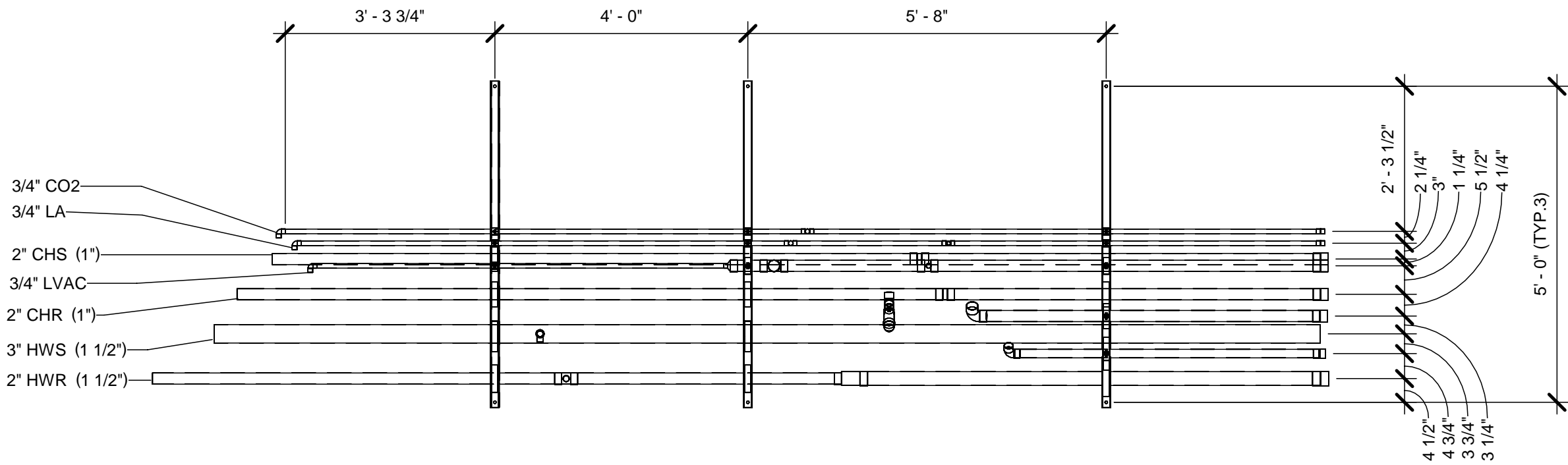


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23-11-2021 16:08:36

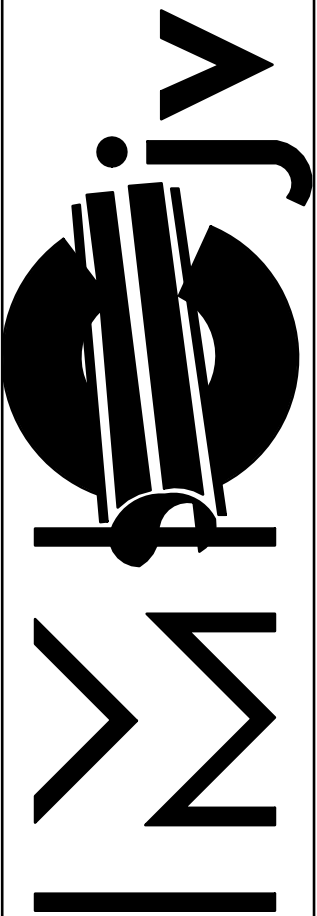


1 AS-L07-030 - ISOMETRIC  
AS-L07-030 SCALE:



2 AS-L07-030  
AS-L07-030 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4



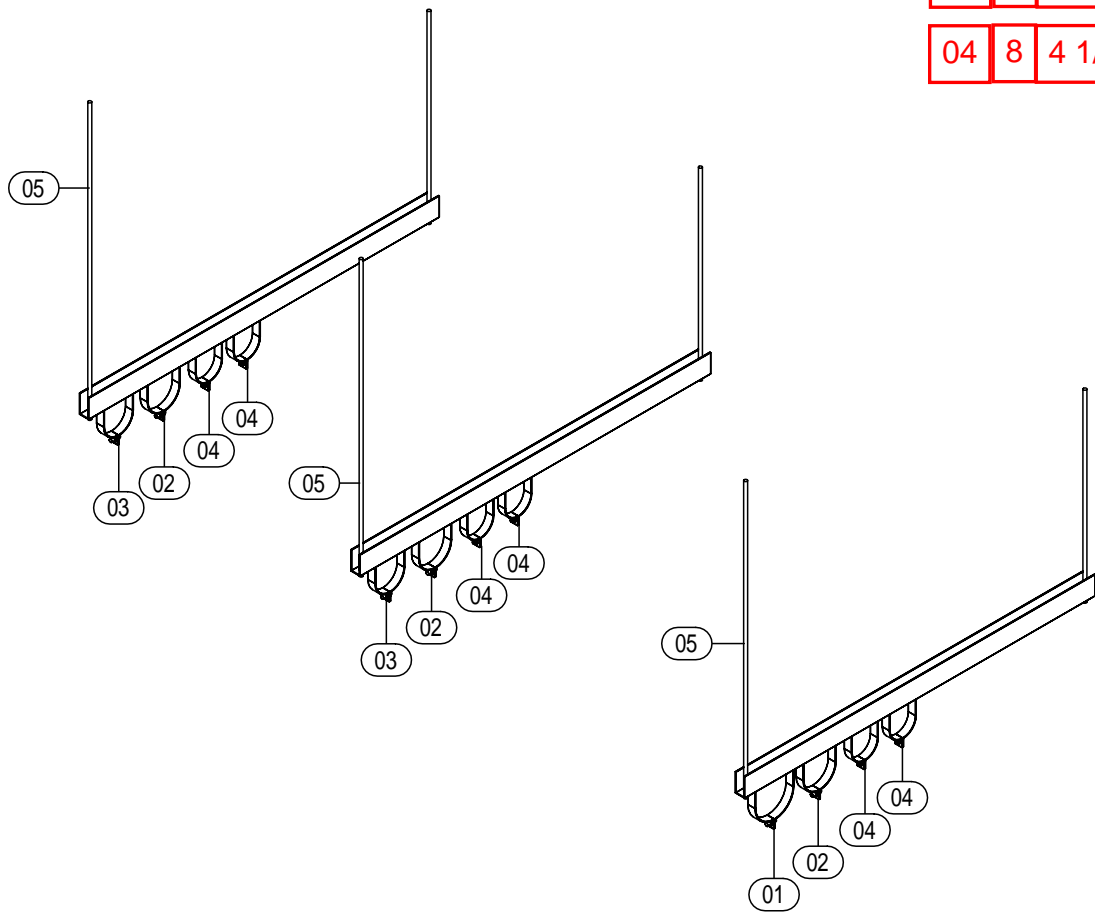
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

JOB:	WASH U NRB
TICKET:	AS-L07-030
Drawn By: Author	
DATE: 11/23/21	DATE REQ:

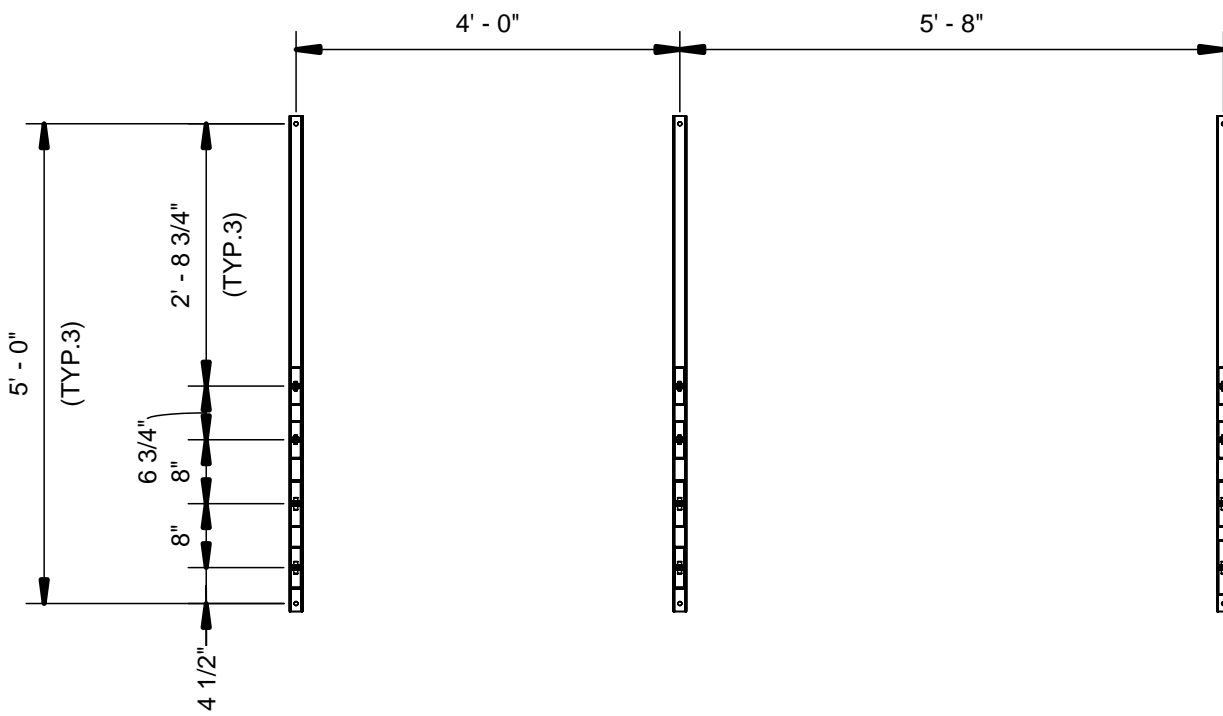
BIM 360/WUSM NRBWUSM\_RB\_HPE.rvt  
23-11-2021 12:08:49

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	6"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"		0"	
02	3	5"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"		0"	
03	2	4.5"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"		0"	
04	6	4"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"		0"	
05	3	58"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		5' - 2"	4' - 0 5/8"	2' - 8 5/8"	

01	1	5 5/8"	B Line #2066
02	2	6 5/8"	B Line #2020
03	2	5 1/8"	B Line #2062
04	8	4 1/8"	B Line #2054



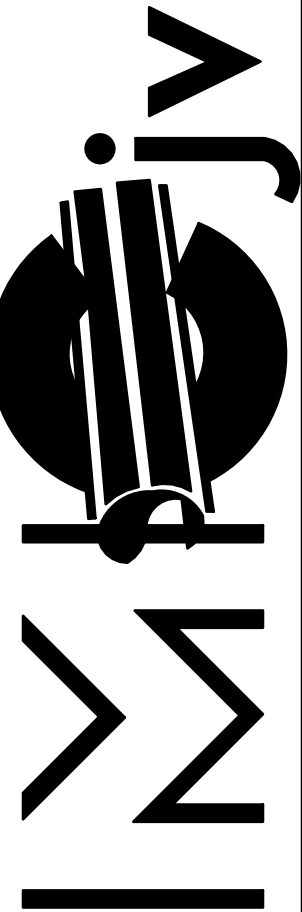
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

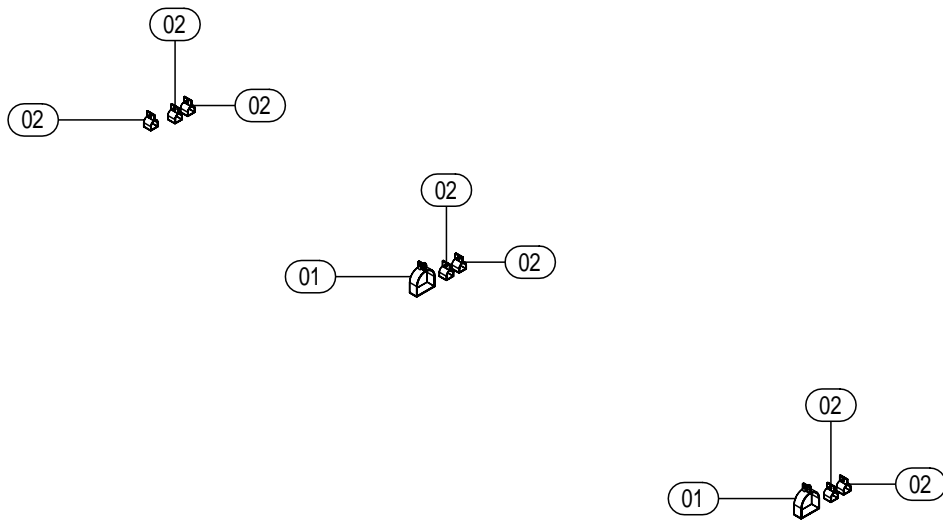
JOB:	WASH U NRB
TICKET:	HPHGR-L07-030
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



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314-997-6600 phone

BIM 360//WUSM NRBWUSM\_RB\_PUF.rvt  
23-11-2021 18:15:12

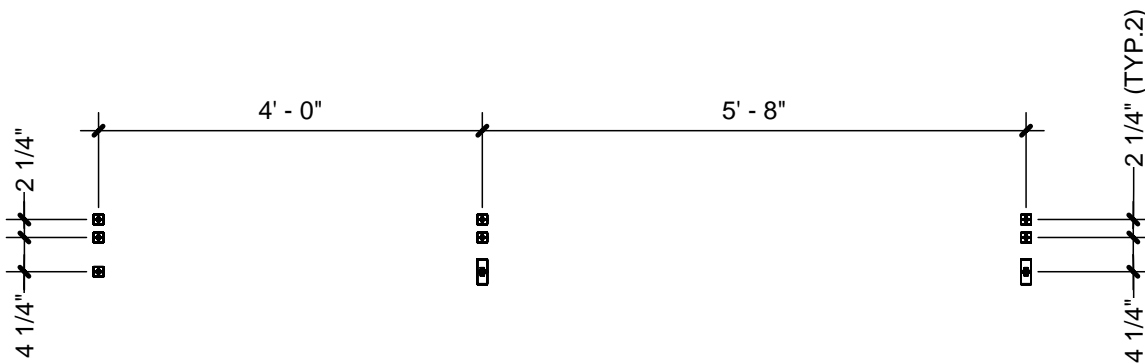
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	2	2.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
02	7	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	



1

ISOMETRIC

SCALE:



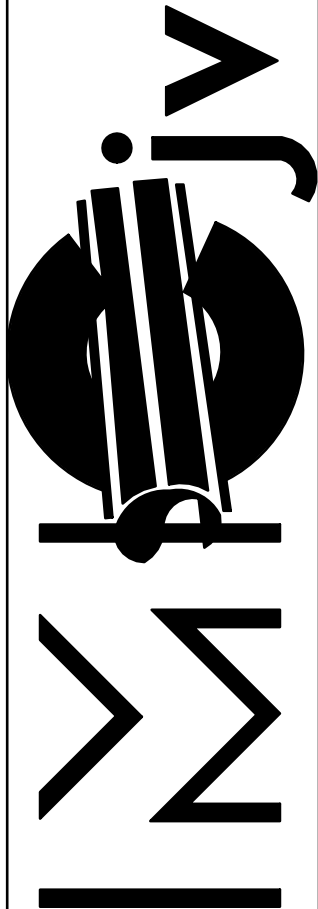
2

TOP VIEW

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PUHGR-L07-030
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



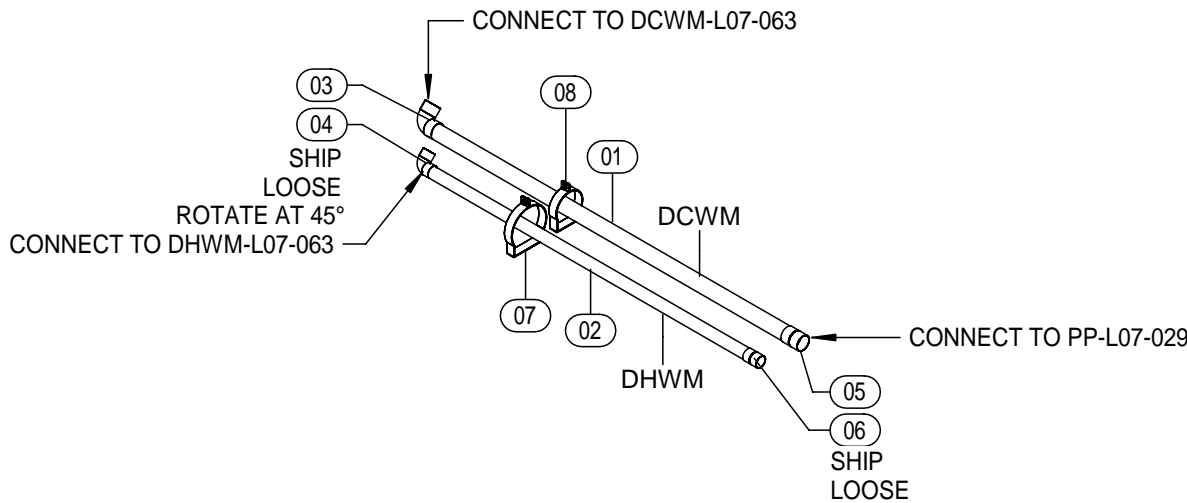
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_PLF.rvt  
23-11-2021 05:30:48 PM

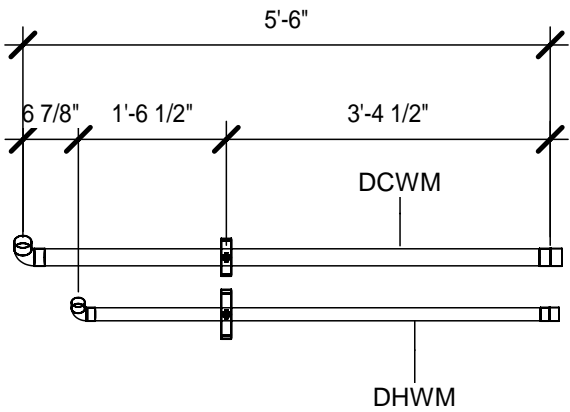
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type L Hard Copper Pipe	5'-4 1/2"				1"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	4'-9 3/4"				2"
03	1	2"	Nibco Wrot 607 90 Deg Ell CxC					1"
04	1	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC					2"
05	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
06	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"
07	1	<del>5-10" B Line B2000 Series OD Pipe and Conduit</del>			0"		0"	
08	1	<del>4-10" B Line B2000 Series OD Pipe and Conduit</del>			0"		0"	

07 1 5 5/8" B Line #2066

8 1 4 1/8" B Line #2054



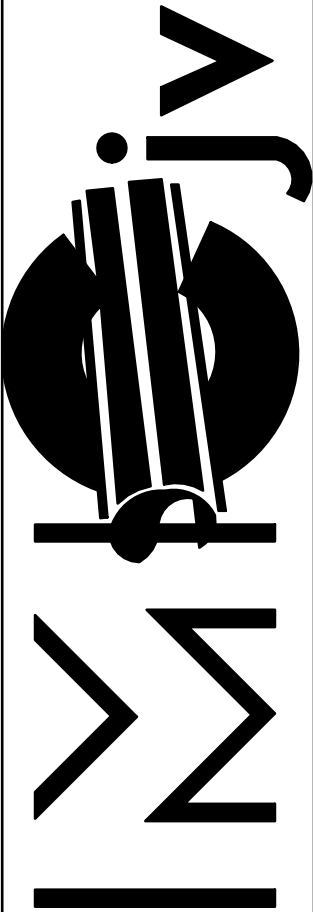
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

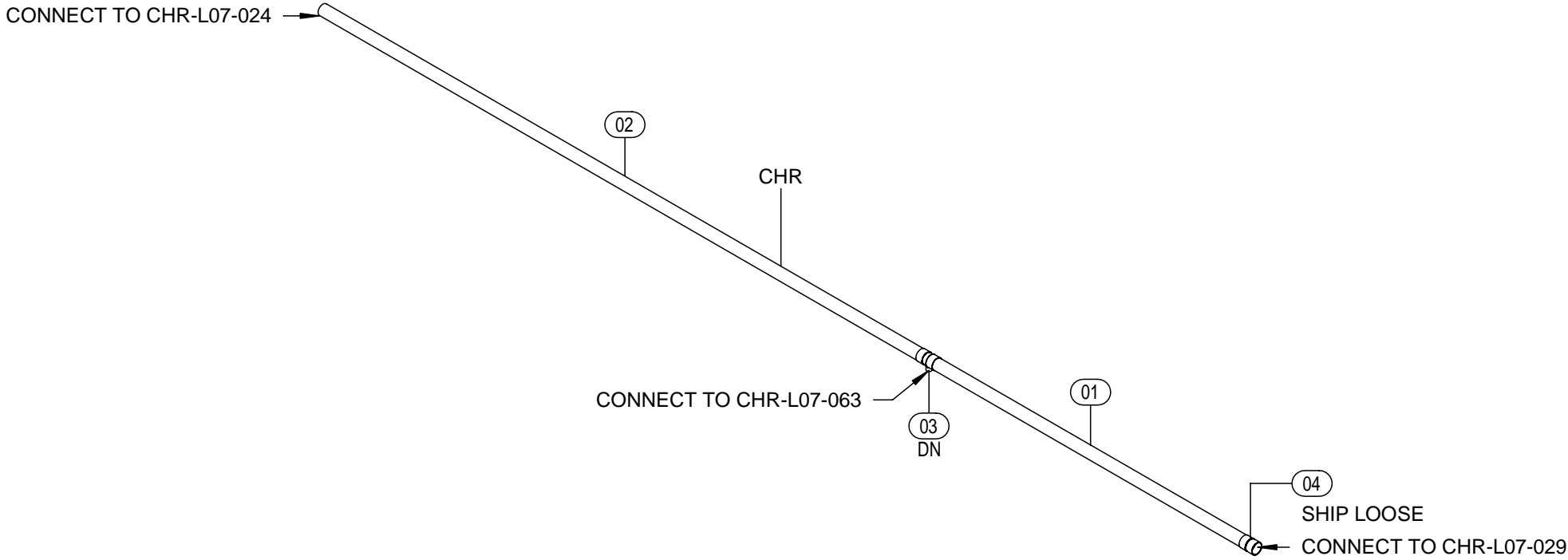
JOB: WASH U NRB  
TICKET: PP-L07-030  
Drawn By: Author  
DATE: 11/23/21  
DATE REQ:



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BIM 360/WUSM NRBWUSM\_RB\_HPF.rvt  
23-11-2021 12:41:50

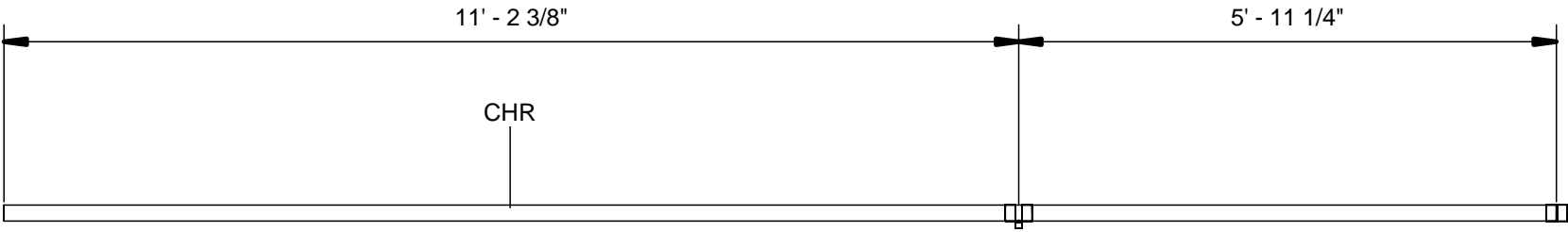
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	5'-10 3/4"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	11'-1 7/8"				1"
03	1	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
04	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1

ISOMETRIC

SCALE:



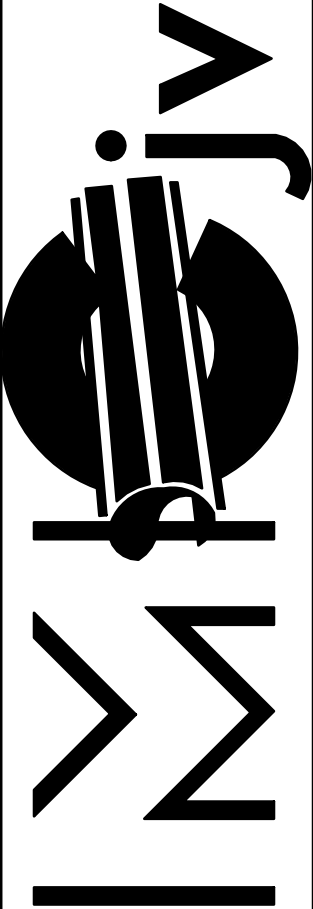
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

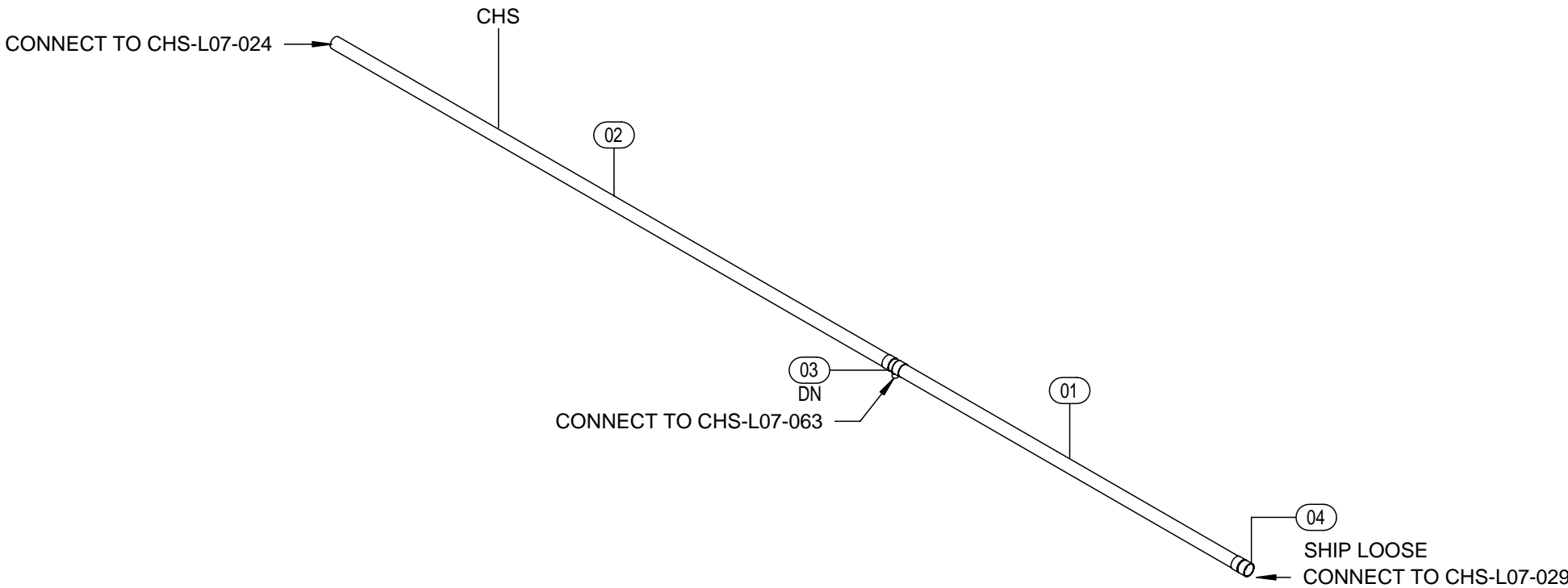
JOB:	WASH U NRB
TICKET:	CHR-L07-030
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



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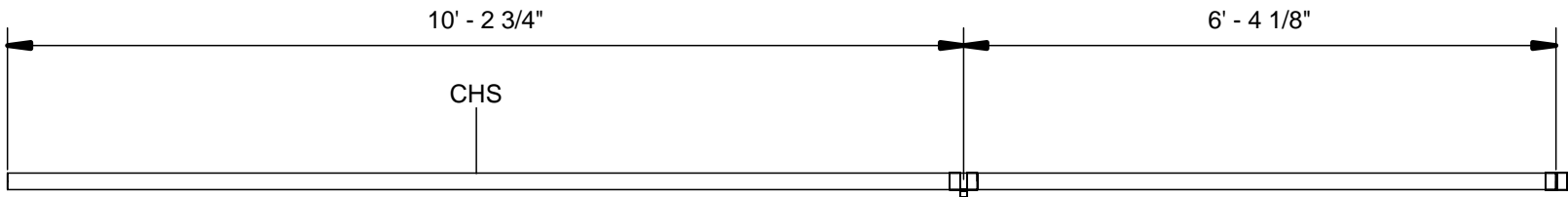
BIM 360/WUSM NRBWUSM\_RB\_HPE.rvt  
23-11-2021 12:13:26

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	6'-3 5/8"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	10'-2 5/16"				1"
03	1	2"x3/4"x2"	Nibco Wrot 611R CxCxC Reducing Tee					1"
04	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1 ISOMETRIC

SCALE:

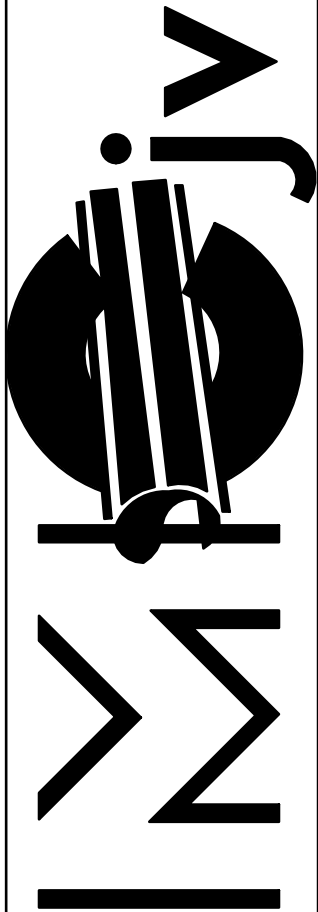


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

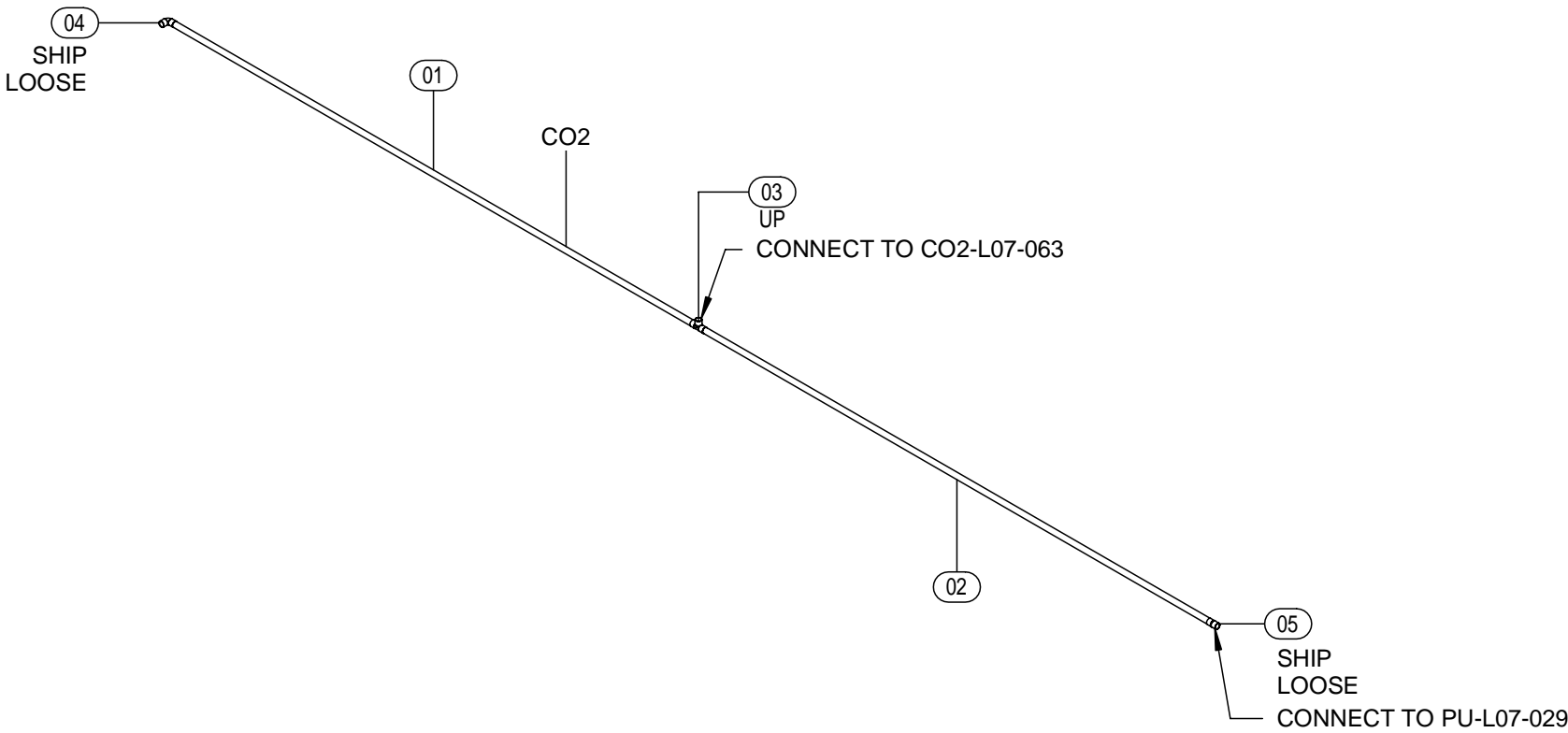
JOB: WASH U NRB  
TICKET: CHS-L07-030  
Drawn By: Author  
DATE: 11/23/21  
DATE REQ:



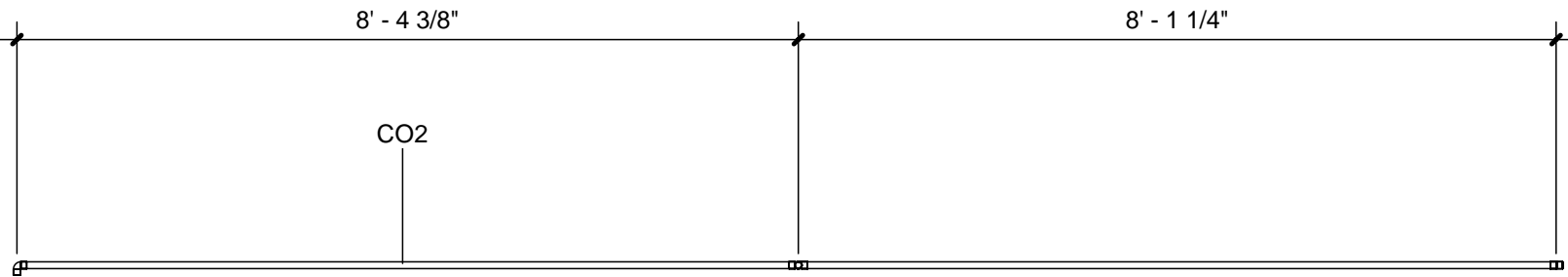
1233 N. Price Rd.  
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314-997-6600 phone

BIM 360//WUSM NRBWUSM\_RB\_PUF.rvt  
23-11-2021 18:10:15

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	8'-3 3/8"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	8'-0 7/8"				
03	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee					
04	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
05	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



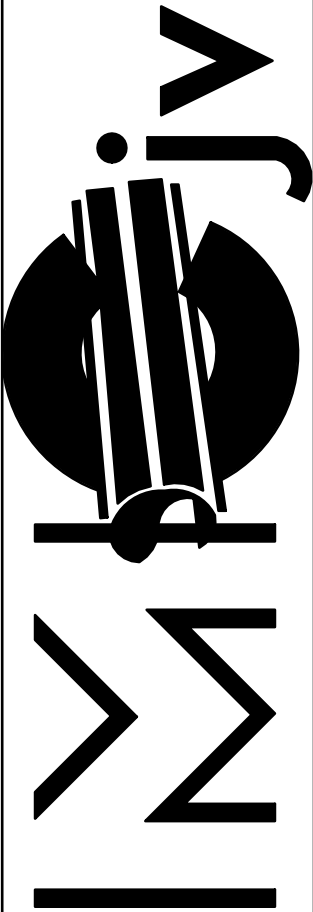
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

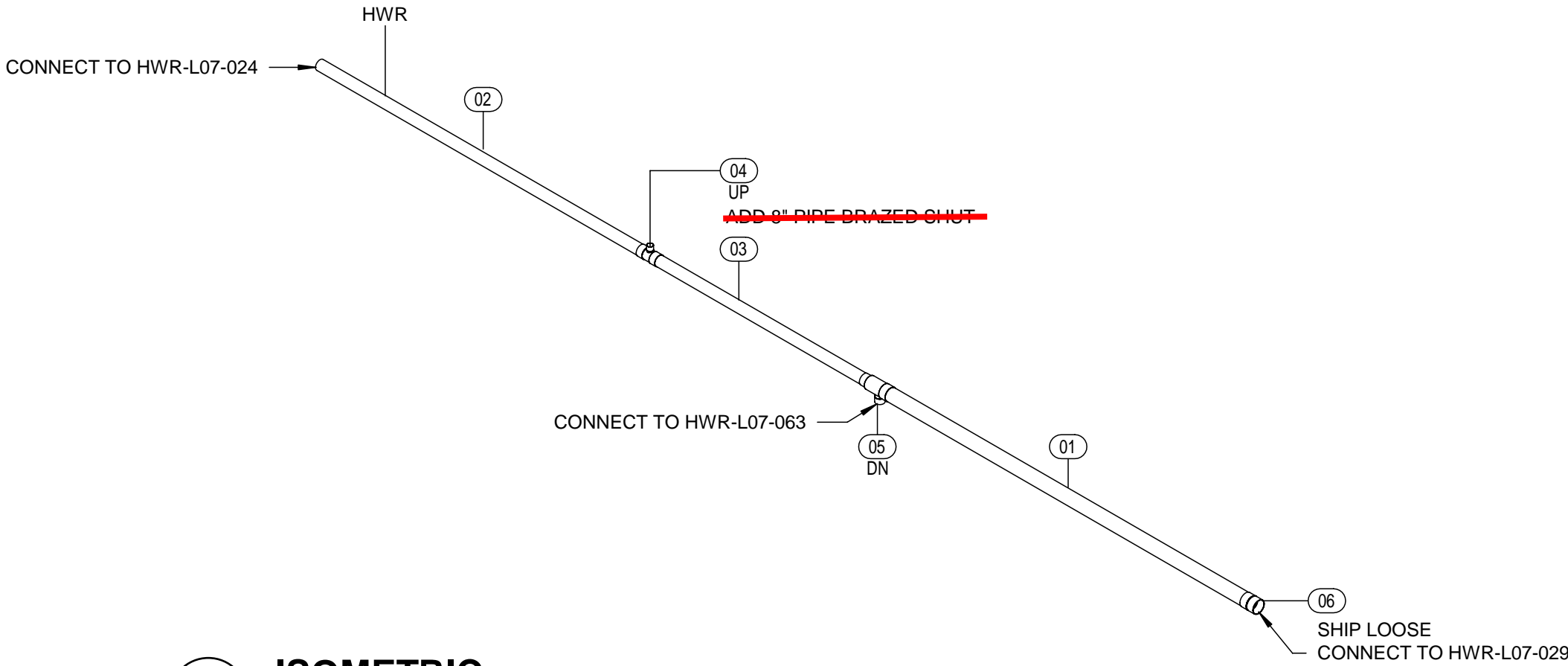
JOB: WASH U NRB  
TICKET: CO2-L07-030  
Drawn By: Author  
DATE: 11/23/21 DATE REQ:



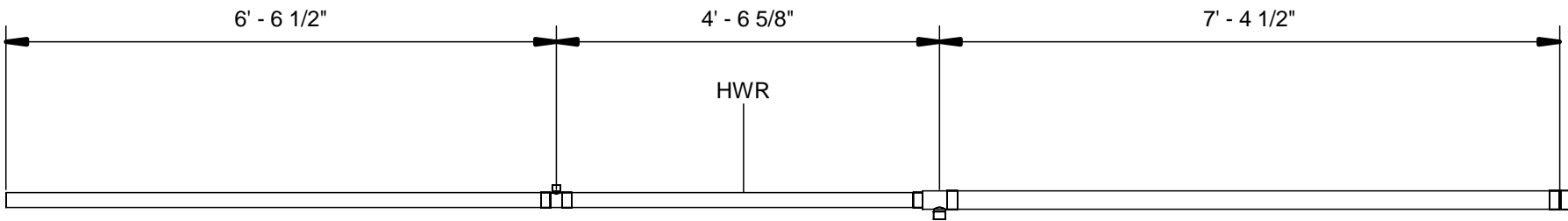
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
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BIM 360//WUSM NRBWUSM\_RB\_HPE.rvt  
23-11-2021 12:10:46

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2 1/2"	Cerro Type K Hard Copper Pipe	7'-3 3/8"				1 1/2"
02	1	2"	Cerro Type K Hard Copper Pipe	6'-5 5/8"				1 1/2"
03	1	2"	Cerro Type K Hard Copper Pipe	4'-3 3/8"				1 1/2"
04	1	2"x1"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
05	1	2 1/2"x2"x1 1/2"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
06	1	2 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



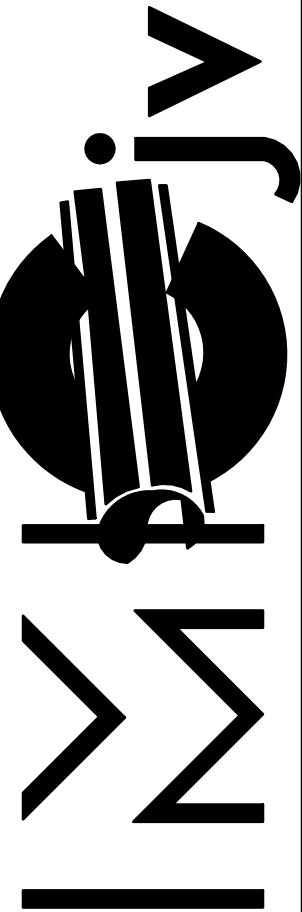
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	HWR-L07-030
Drawn By: Author	
DATE: 11/23/21	DATE REQ:

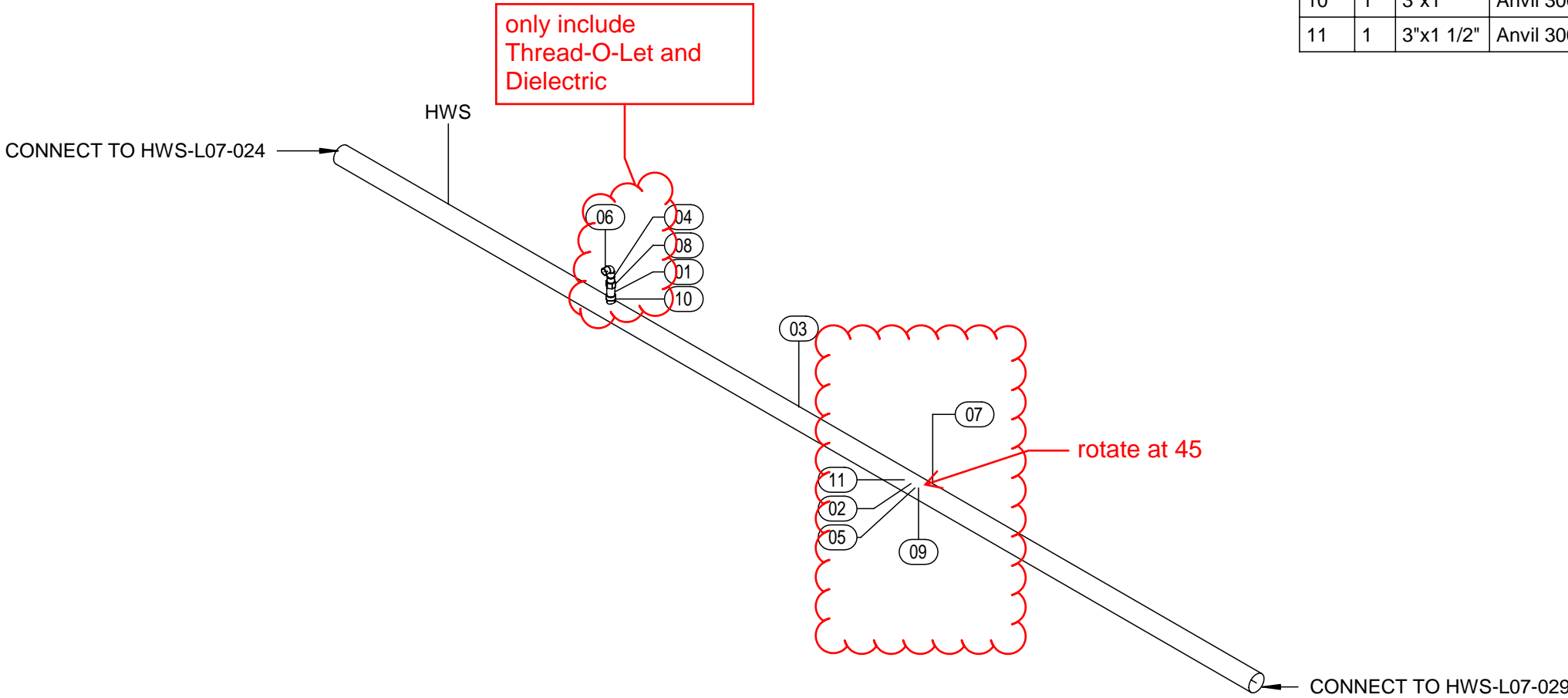


1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

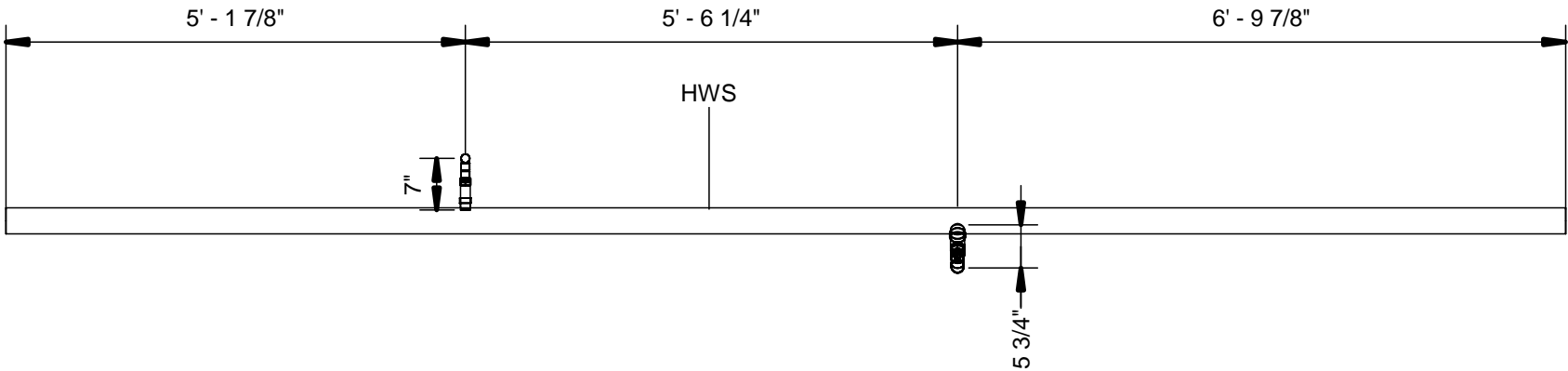


BIM 360/WUSM NRBWUSM\_RB\_HPE.rvt  
23-11-2021 12:12:15

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1"	Victaulic No.647 TT Dielectric Transition Fitting	0'-4"				1"
02	1	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting	0'-4"				1 1/2"
03	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	17'-5 7/8"				1 1/2"
04	1	4"	Cerro Type K Hard Copper Pipe	0'-2"				4"
05	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-2"				1 1/2"
06	1	4"	Nibco Wrot 607 90 Deg Ell CxG					4"
07	1	1 1/2"	Nibco Wrot 608 45 Deg Ell CxG					1 1/2"
08	1	4"	Nibco Wrot 608 Adapter CxT					4"
09	1	1 1/2"	Nibco Wrot 608 Adapter CxT					1 1/2"
10	1	3"x1"	Anvil 3000# FS Thread-O-Let					1"
11	1	3"x1 1/2"	Anvil 3000# FS Thread-O-Let					1 1/2"



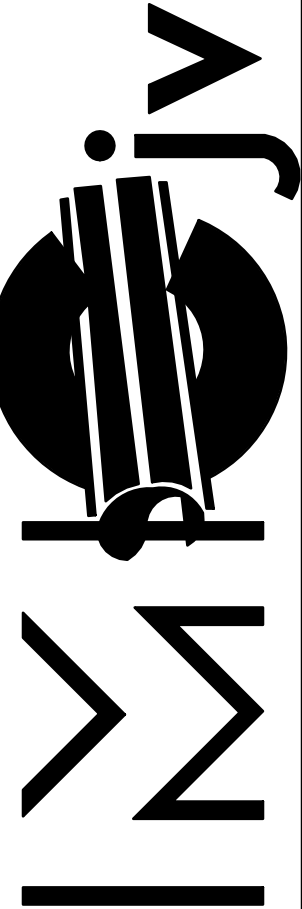
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

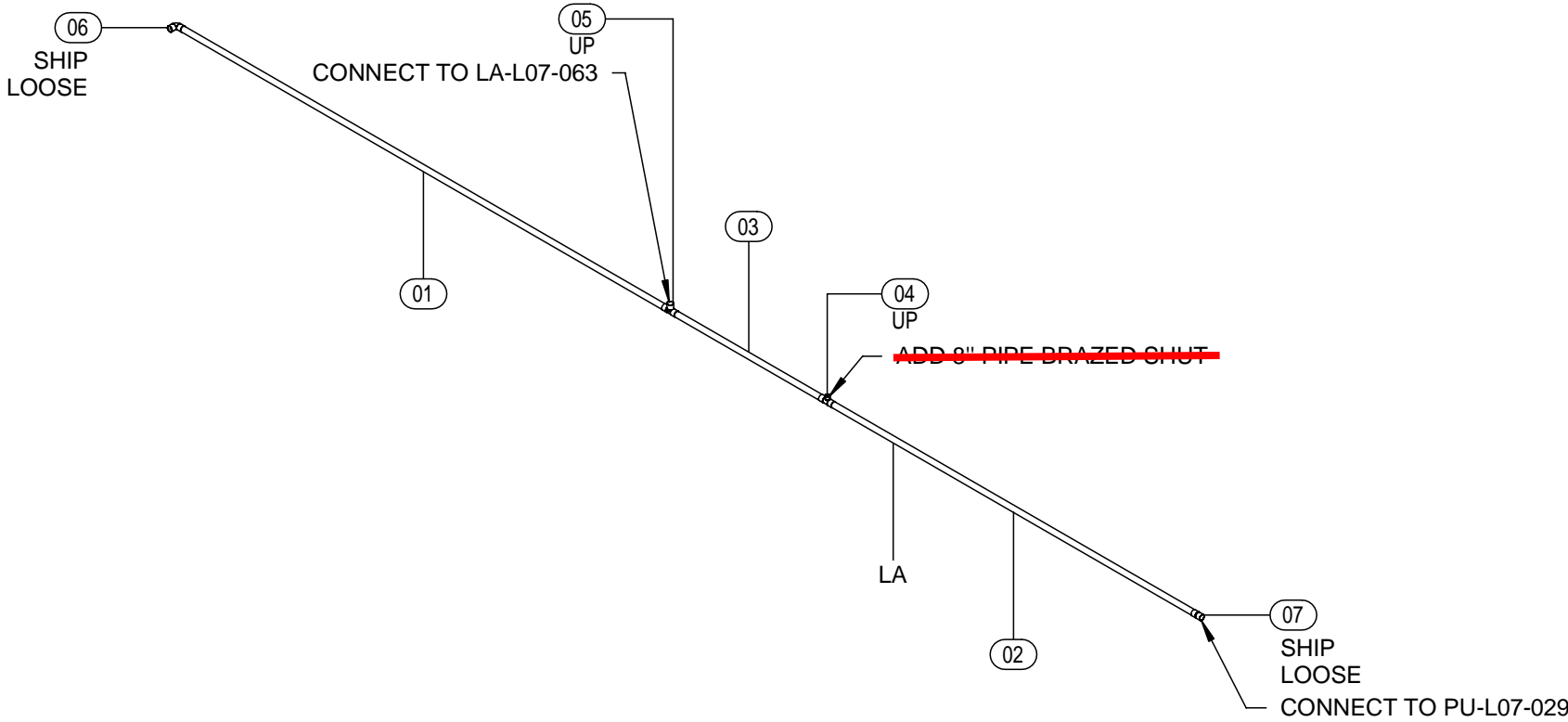
JOB:	WASH U NRB
TICKET:	HWS-L07-030
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



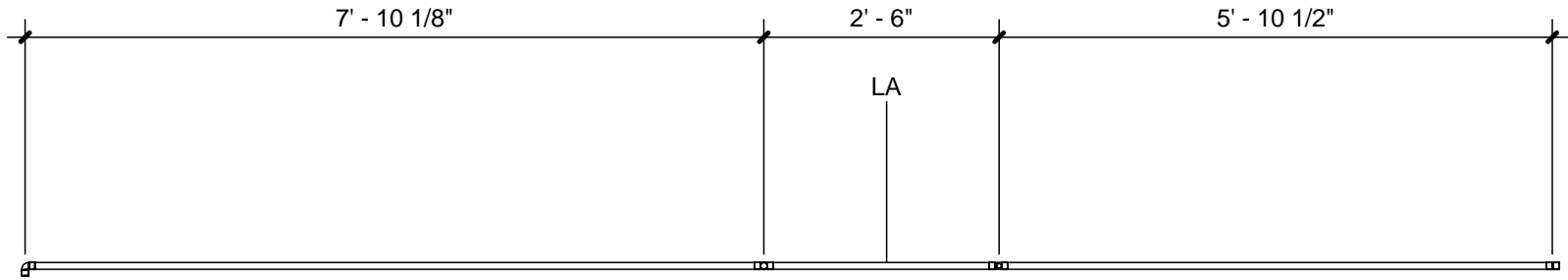
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
23-11-2021 18:09:35

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	7'-9 3/16"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	5'-10 1/8"				
03	1	3/4"	Cerro Type L Hard Copper - CFOS	2'-5 1/16"				
04	1	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
05	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee					
06	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
07	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



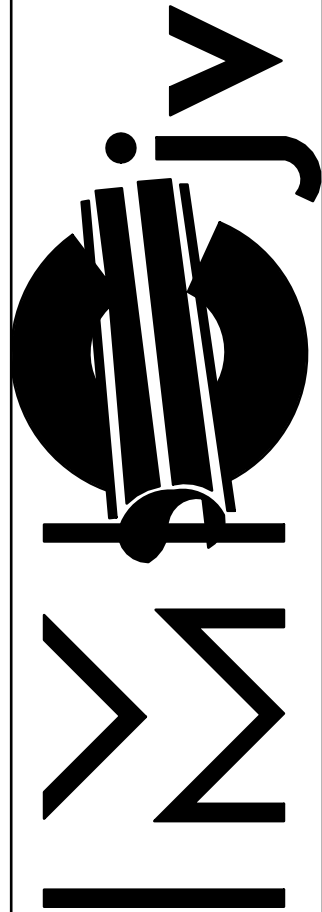
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

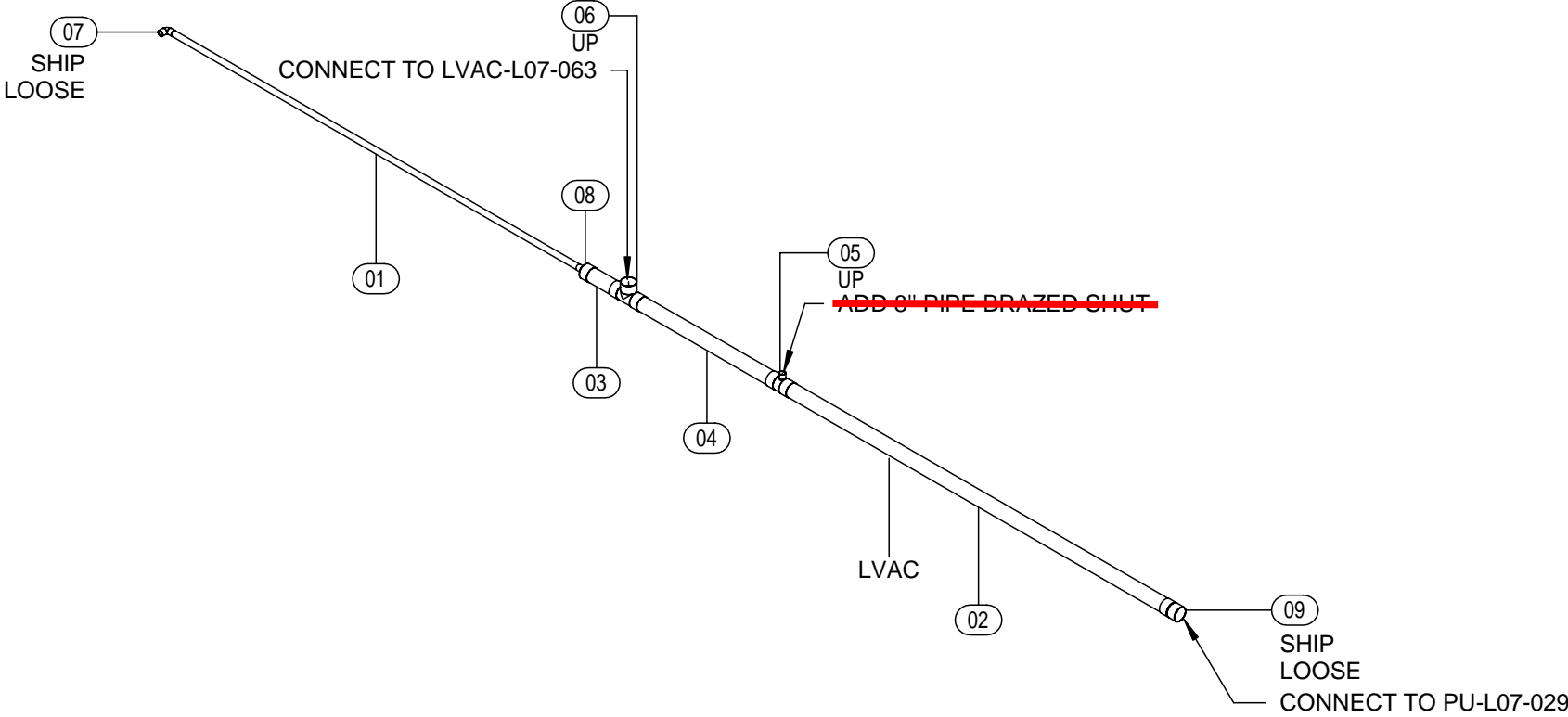
JOB: WASH U NRB  
TICKET: LA-L07-030  
Drawn By: Author  
DATE: 11/23/21  
DATE REQ:



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

BIM 360//WUSM NRBWUSM\_RB\_PUF.rvt  
23-11-2021 18:08:56

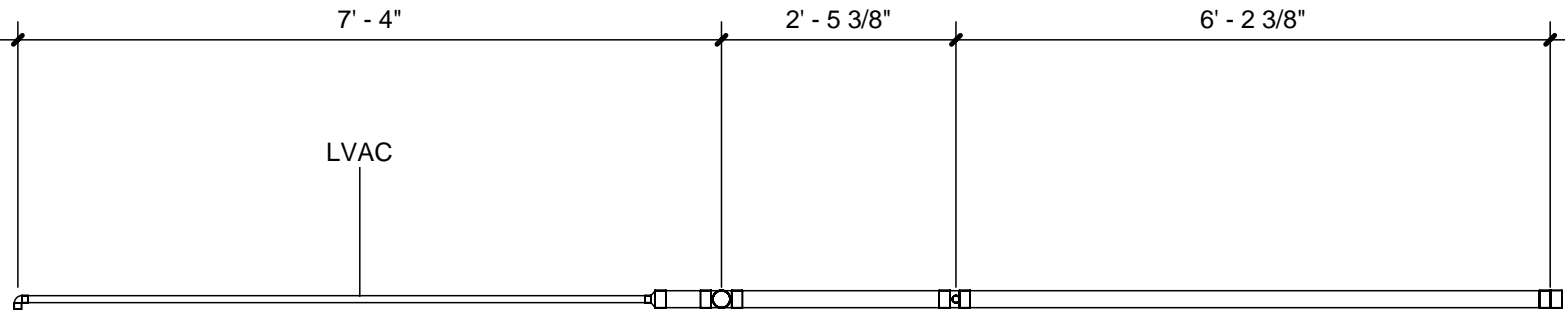
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	6'-6 11/16"				
02	1	2"	Cerro Type L Hard Copper - CFOS	6'-1 7/8"				
03	1	2"	Cerro Type L Hard Copper - CFOS	0'-7"				
04	1	2"	Cerro Type L Hard Copper - CFOS	2'-3 5/16"				
05	1	2"x3/4"x2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
06	1	2"	Nibco 611-CB CFOS Wrot Copper Tee					
07	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					
08	1	2"x3/4"	Nibco 600R-CB CFOS Wrot Copper Reducing Coupling					
09	1	2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



1

ISOMETRIC

SCALE:



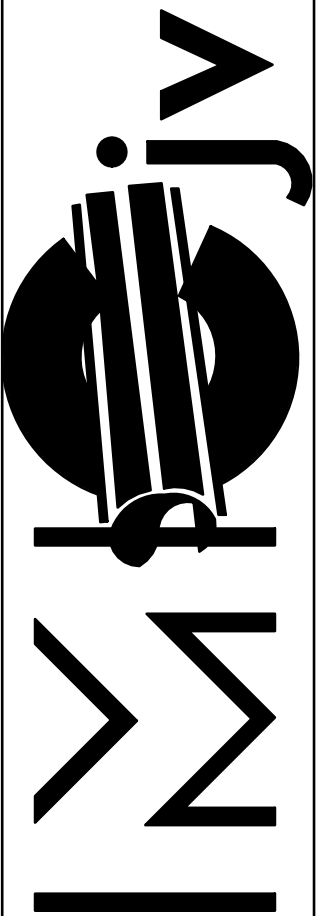
2

TOP VIEW

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	LVAC-L07-030
Drawn By: Author	
DATE: 11/23/21	DATE REQ:



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