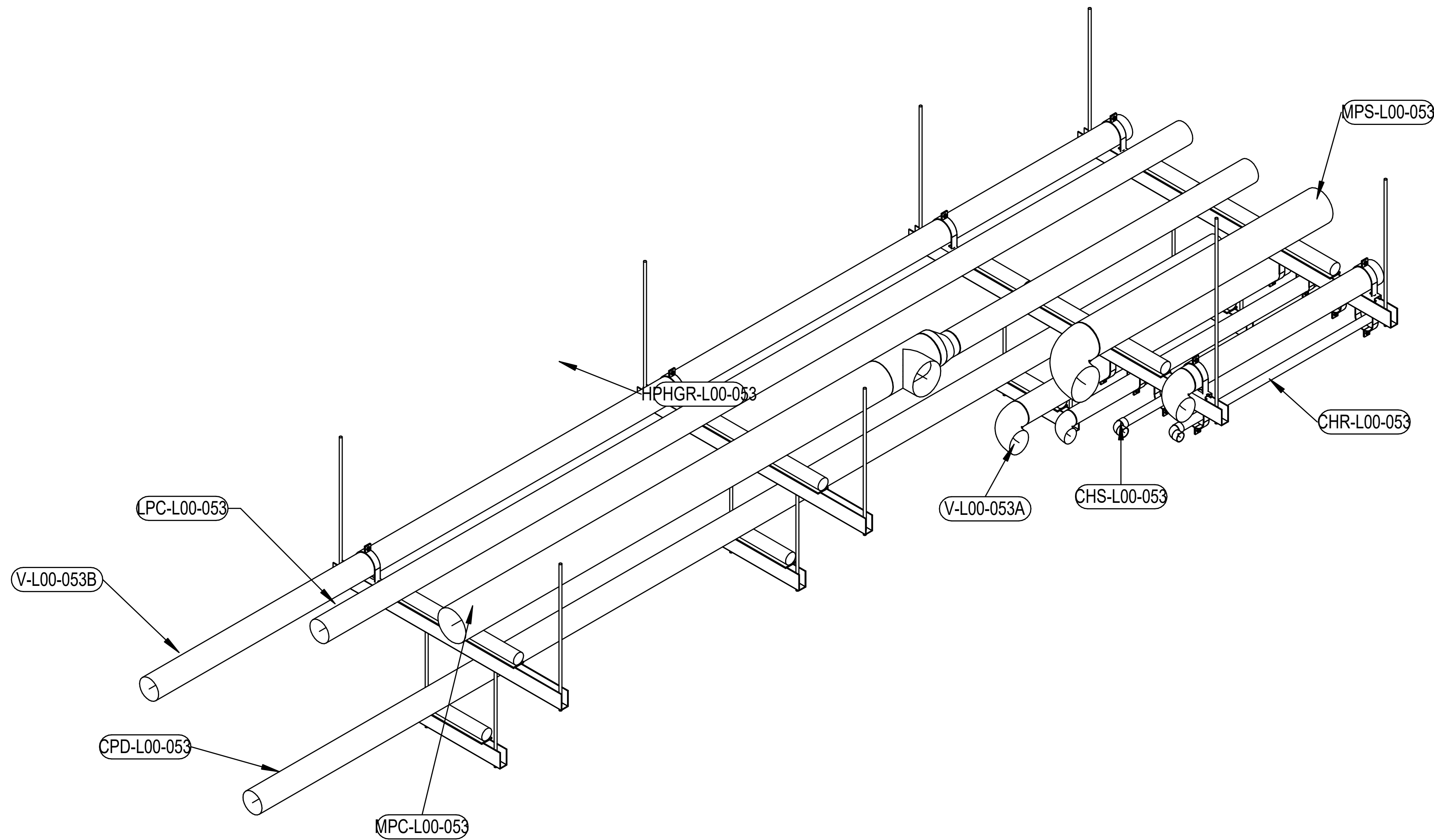
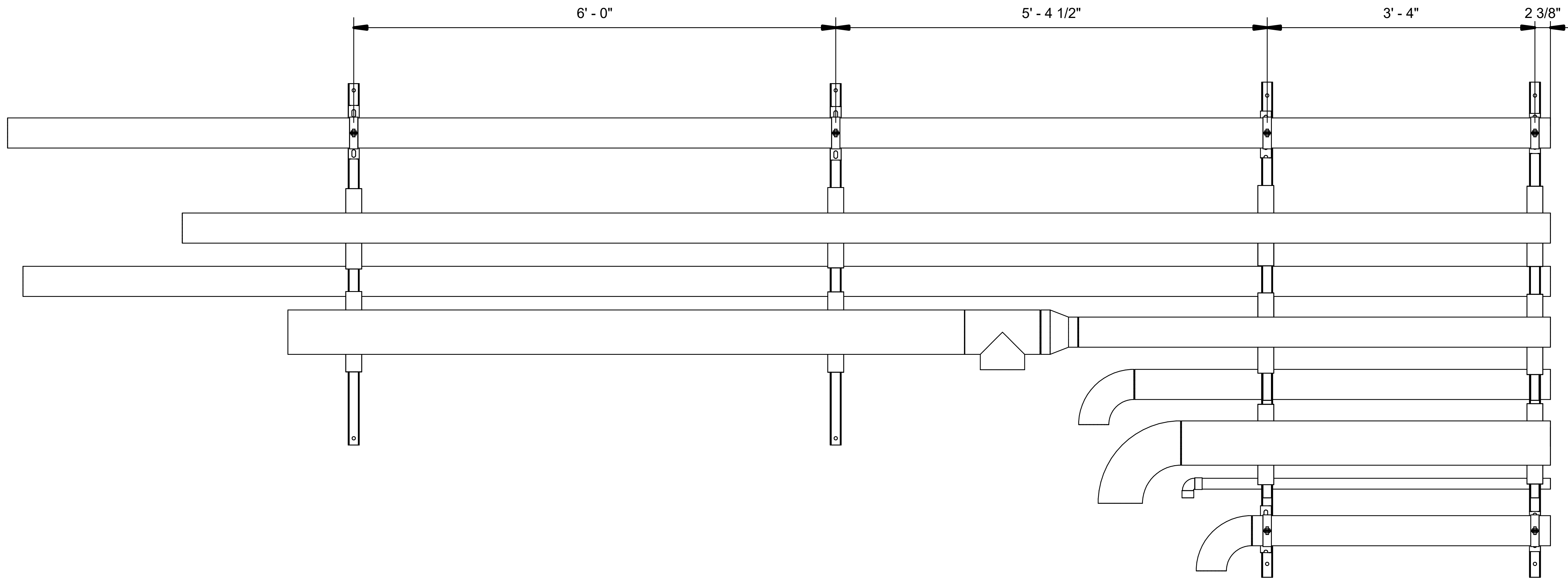


BIM 360://WUSM NRB/WUSM_RB_HPF.rvt
7/28/2021 1:29:17 PM



1 HP-L00-053
SCALE:



2 HP-L00-053 TOP VIEW
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

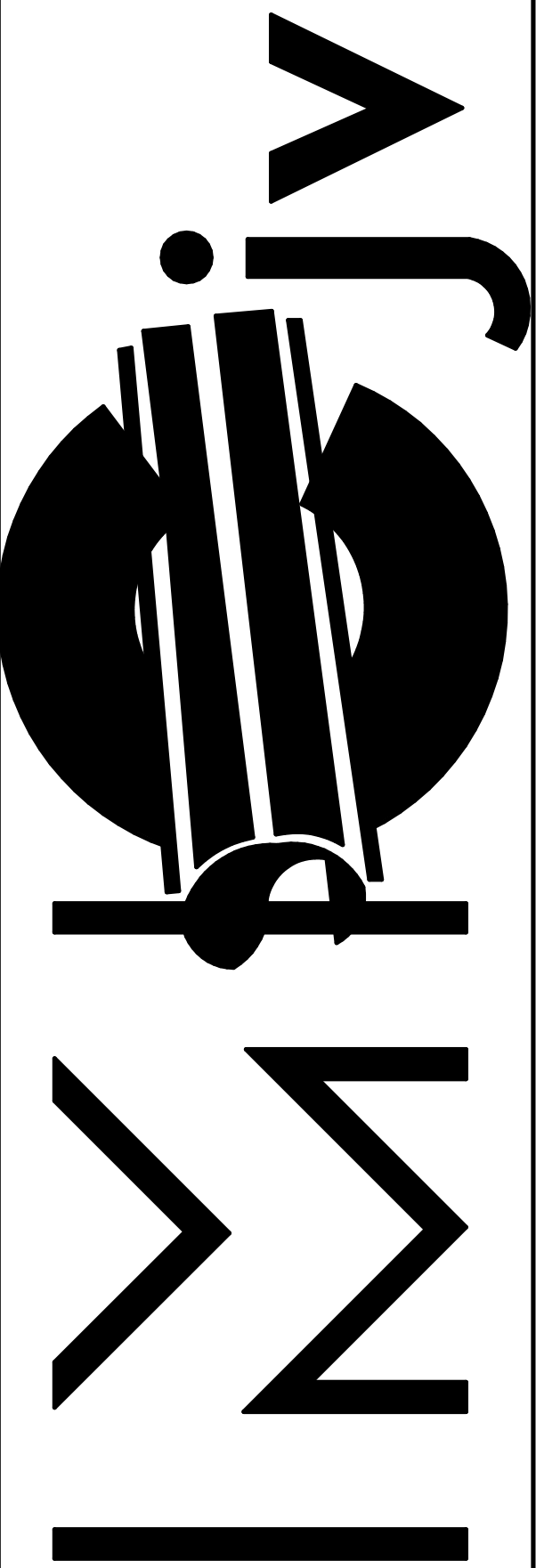
JOB: WASH U NRB

TICKET:

Drawn By: Author

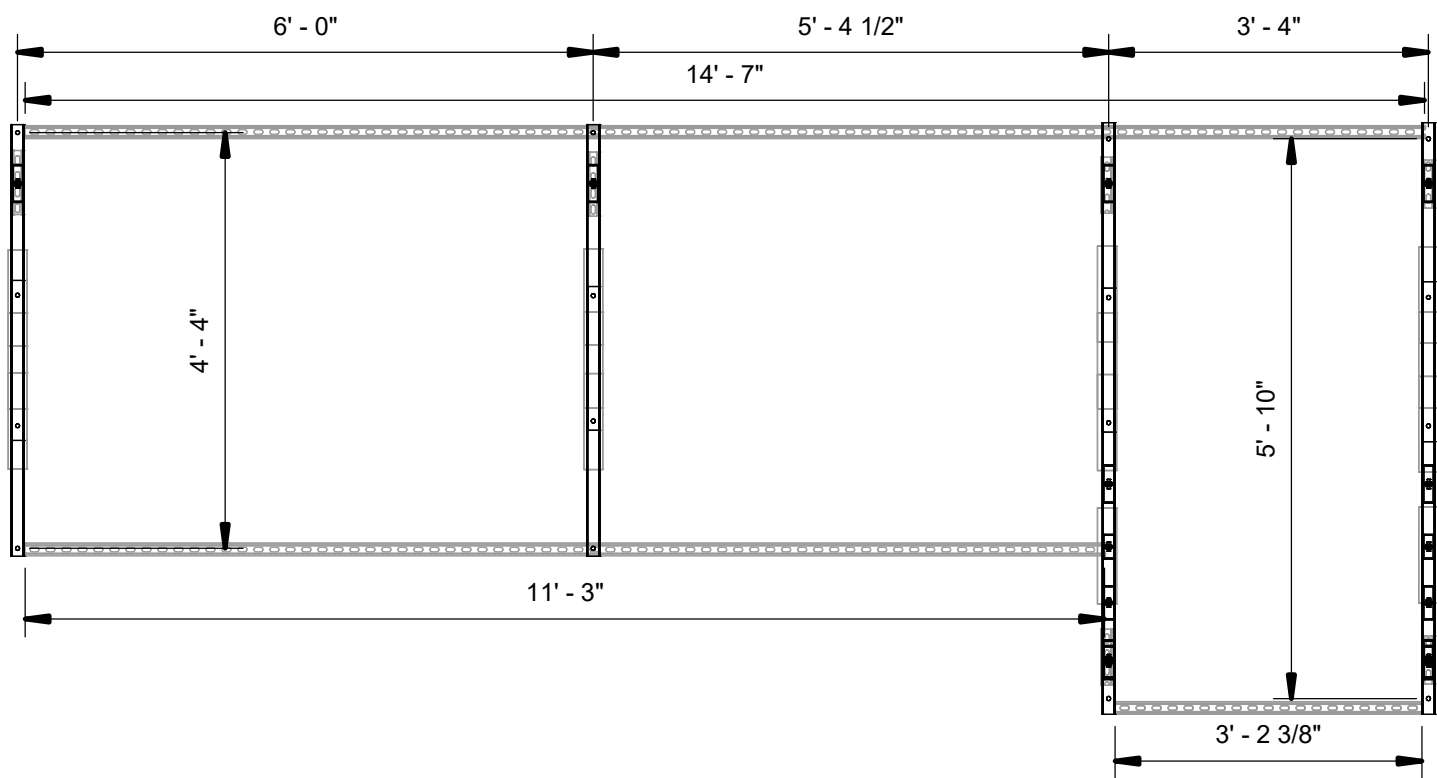
DATE: 06/17/21

DATE REQ:



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

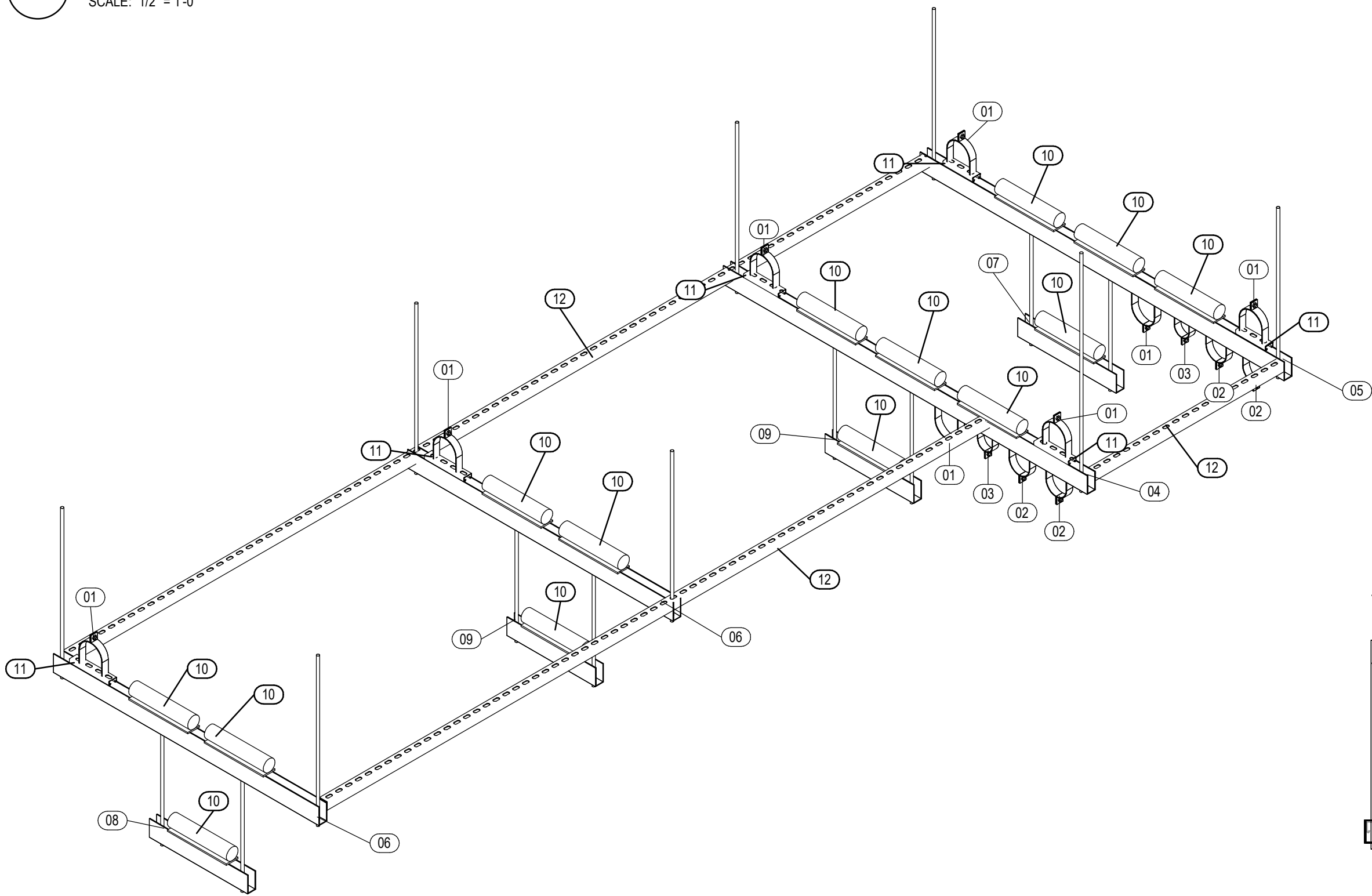
BIM 360//WUSM NRBWUSM RB HPF.rvt
7/28/2021 10:17:13 AM



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

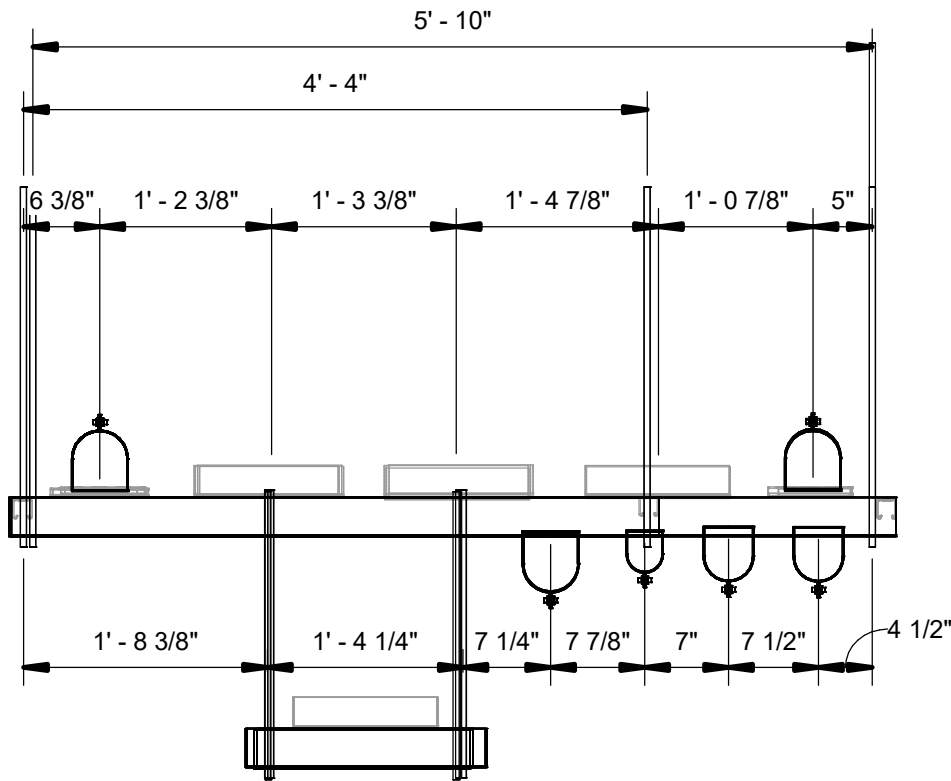
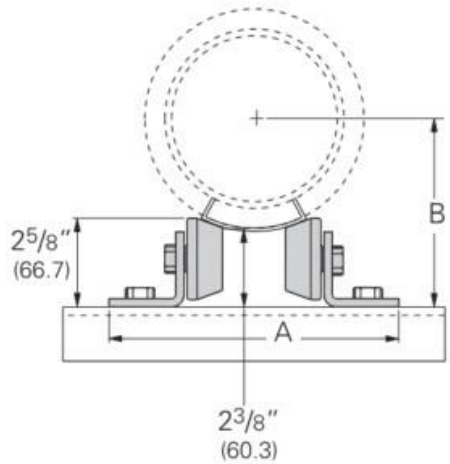
Mark	Qty	Size	Description	Strut Width	Rod 1	Rod 2
01	8	4"	B-Line B2000 ZN Sch 40 Pipe Clamp			
02	4	3.5"	B-Line B2000 ZN Sch 40 Pipe Clamp			
03	2	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp			
04	1	68"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	6' - 0"	2' - 6"	3' - 3"
05	1	68"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	6' - 0"	2' - 1"	2' - 0"
06	2	50"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	4' - 6"	2' - 6"	2' - 6"
07	1	14 1/8"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	1' - 6 1/4"	1' - 8 1/8"	1' - 8 1/8"
08	1	14 1/4"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	1' - 6 1/4"	1' - 8 3/8"	1' - 8 3/8"
09	2	13 5/8"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	1' - 6 1/4"	1' - 8 3/8"	1' - 8 3/8"
10	14	N/A	B218 Roller	12"		
11	6	N/A	7_8x1-5_8 Slotted Strut	8"		
12	3	N/A	B-Line 1-5/8 BK/BK 12GA Strut	14'-7", 11'-3", 3'-2 3/8"		

- GENERAL NOTES**
- NOTE THAT FIG 165 ANVIL PIPE SADDLES ARE TO BE USED WITH THE B218 ROLLERS.
 - "A" DIMENSION IS SHOWN AS STRUT LENGTH ON BOM
 - NOTE THAT THE "SIZE" COLUMN IS INCORRECT FOR ALL UNISTRUT PIECES AND SHOULD BE IGNORED.
 - NOTE THAT THE "STRUT WIDTH" COLUMN IS THE END TO END DIMENSION OF THE STRUT PIECE.



ISOMETRIC

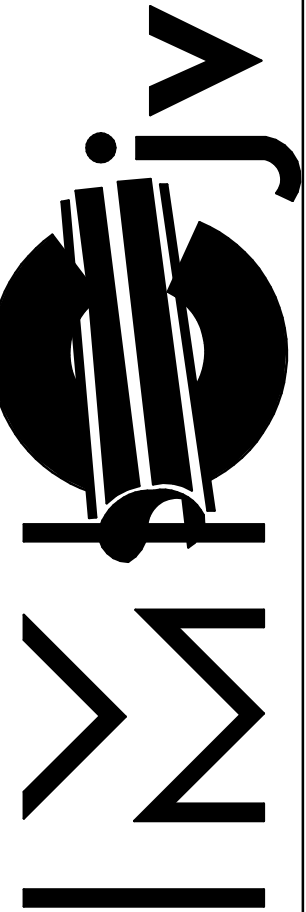
B218
Pipe Rollers - 1/2" (15) to 8" (200) Pipe



FRONT ELEVATION
3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

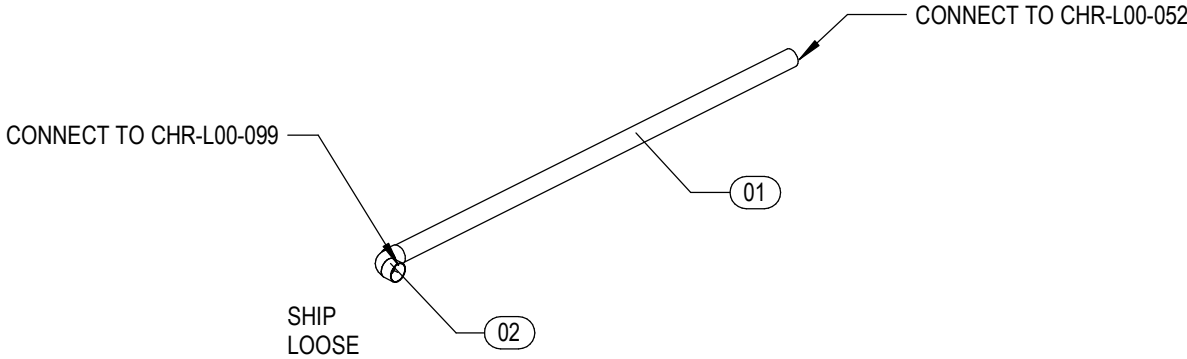
JOB: WASH U NRB	TICKET: HPHGR-L00-053	Drawn By: Author	DATE REQ: 07/23/21
-----------------	-----------------------	------------------	--------------------



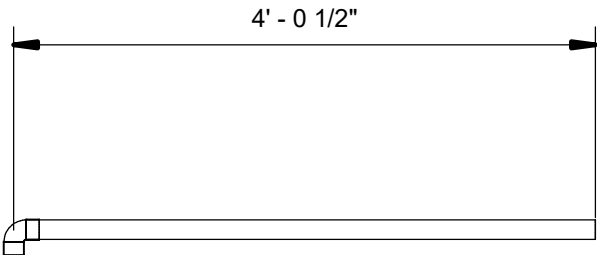
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
7/23/2021 12:53:18 PM

Mark	Qty	Size	Description	Length	Insulation	End Prep
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	3'-11 7/16"	1"	
02	1	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC		1"	



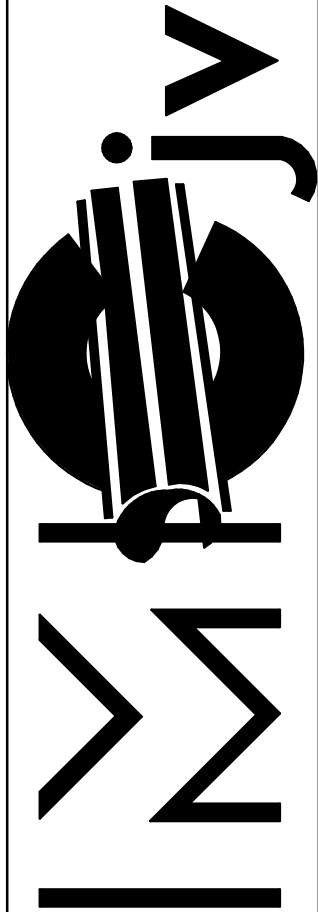
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

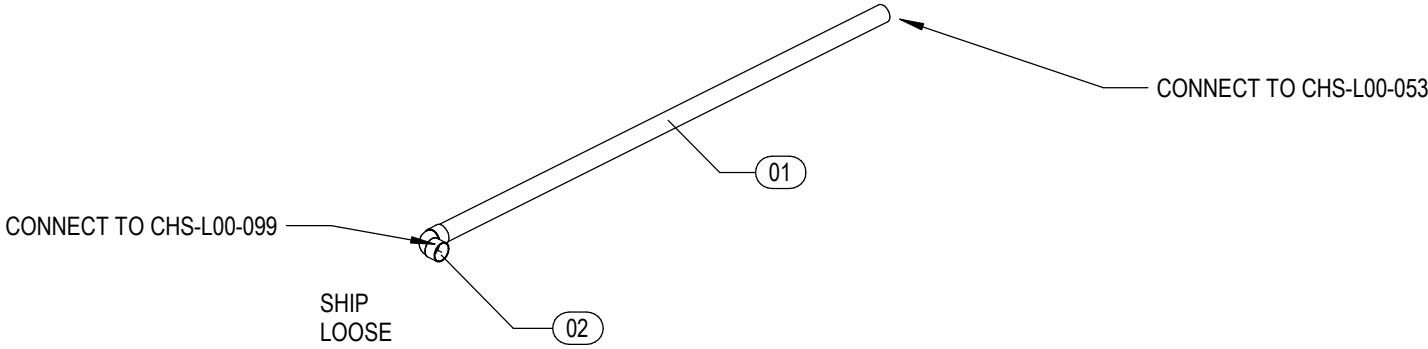
JOB: WASH U NRB
TICKET: CHR-L00-053
Drawn By: Author
DATE: 06/11/21 DATE REQ:



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

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
7/23/2021 12:53:22 PM

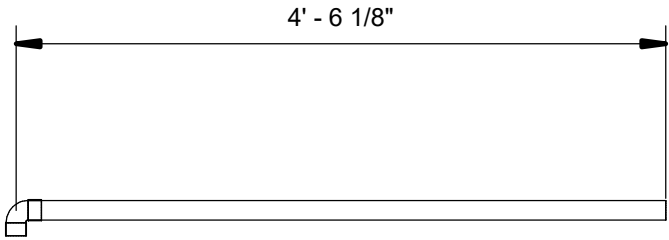
Mark	Qty	Size	Description	Length	Insulation	End Prep
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	4'-5 1/8"	1"	
02	1	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC		1"	



1

ISOMETRIC

SCALE:



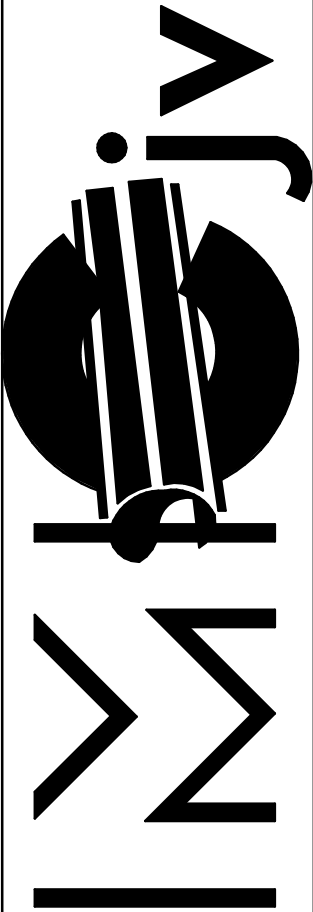
2

TOP VIEW

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

A1	A3	B1	B3
A2	A4	B2	B4

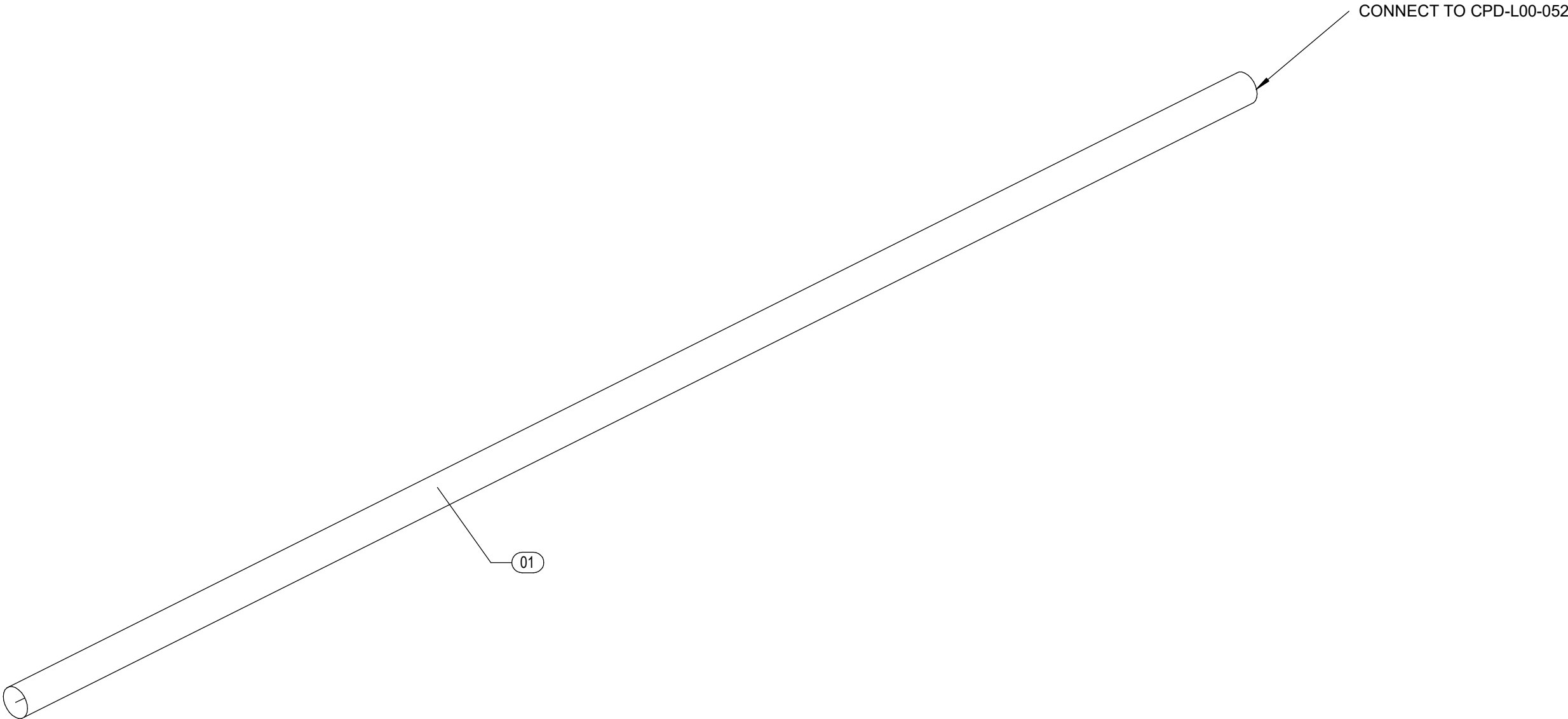
JOB:	WASH U NRB
TICKET:	CHS-L00-053
Drawn By: Author	
DATE: 06/11/21	DATE REQ:



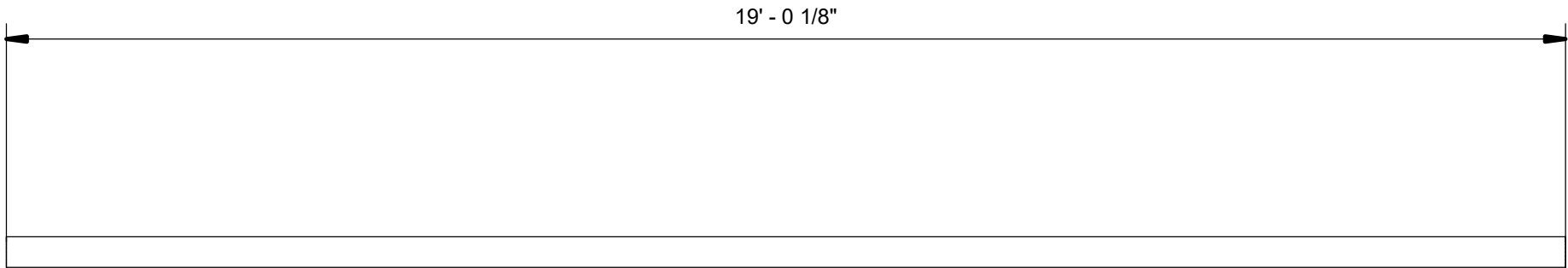
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRB\\WUSM_RB_HPF.rvt
7/28/2021 11:04:17 AM

Mark	Qty	Size	Description	Length	End Prep	Insulation
01	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	19'-0 3/16"	BVL X BVL	4 1/2"



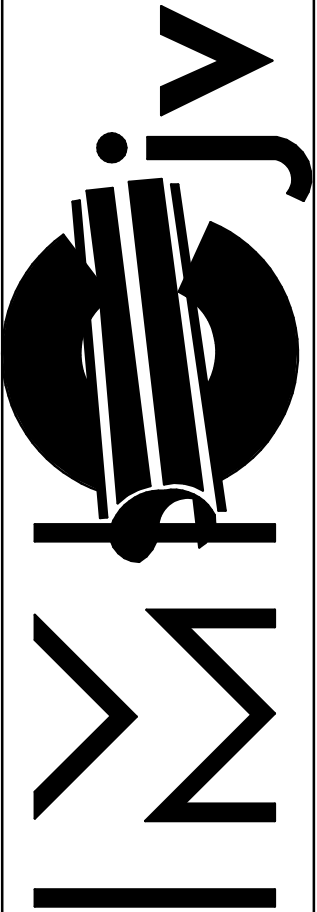
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	CPD-L00-053
Drawn By: Author	
DATE: 06/11/21	DATE REQ:



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

MANIFOLDED/SEALED/WRAP

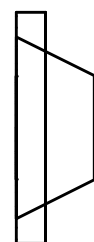
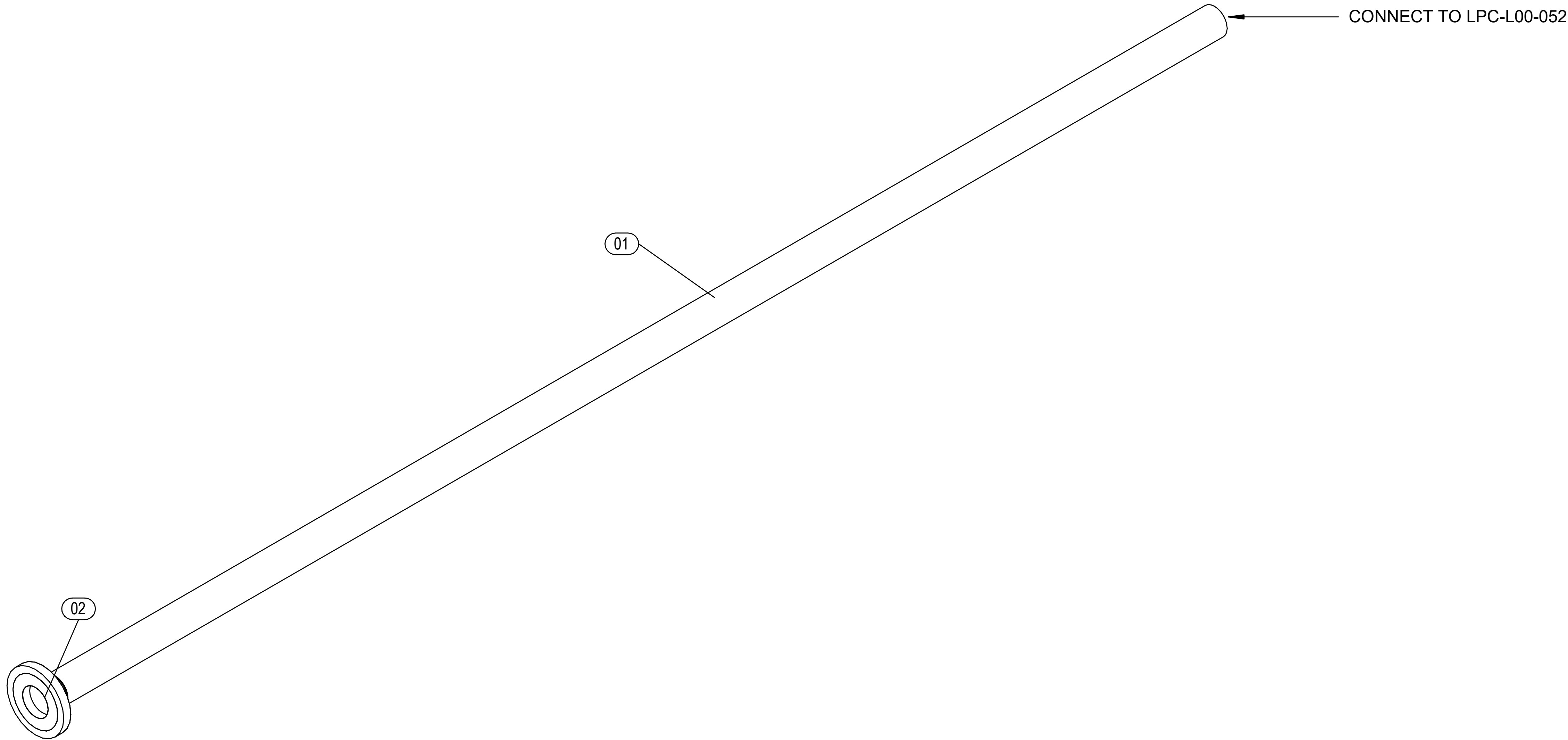
LPC-L00-053

DATE:

BIM 360://WUSM NRB/WJUSM RB HPF.rvt
7/28/2021 1:19:24 PM

Mark	Qty	Size	Description	Length	End Prep	Insulation
01	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	17'-0 3/8"	BVL X BVL	4 1/2"
02	1	4"	Weldbend 300lb RF XH Bore SA105 CS WN FLG			4 1/2"

ISOMETRIC



RIGHT ELEVATION

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

17' - 0 3/8"

A1	A3	B1	B3
A2	A4	B2	B4

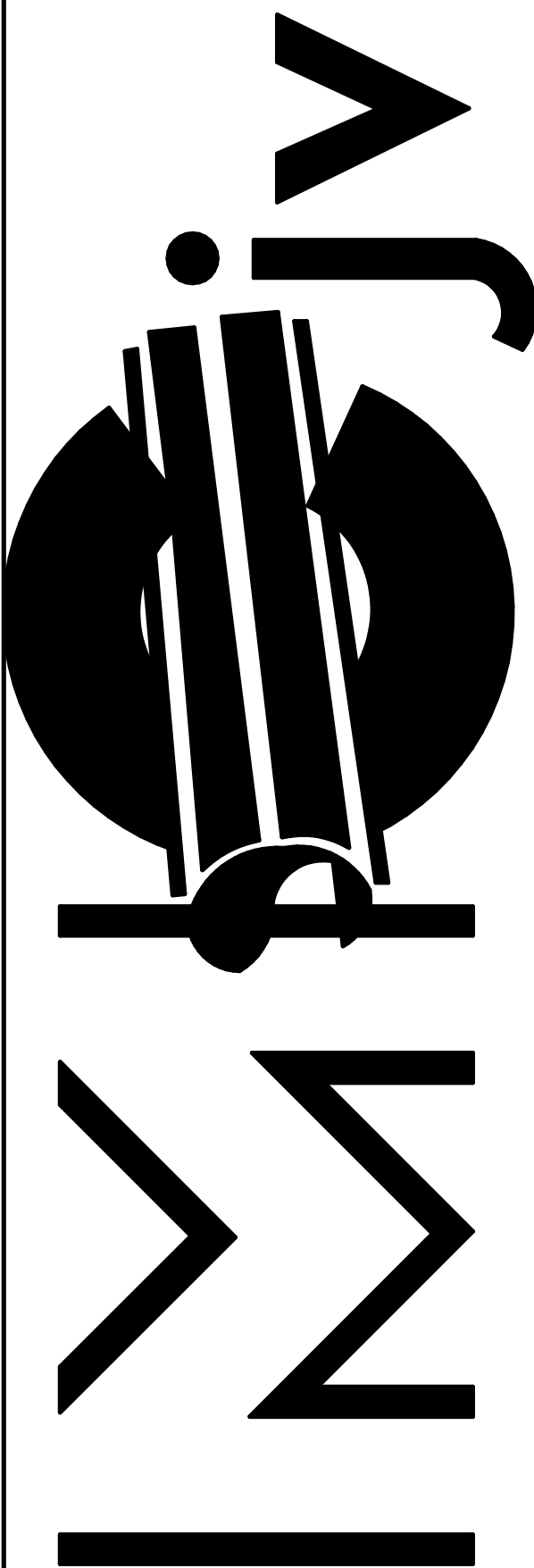
JOB: WASH U NRB

TICKET: LPC-L00-053

Drawn By: Author

DATE REQ:

DATE: 07/23/21



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

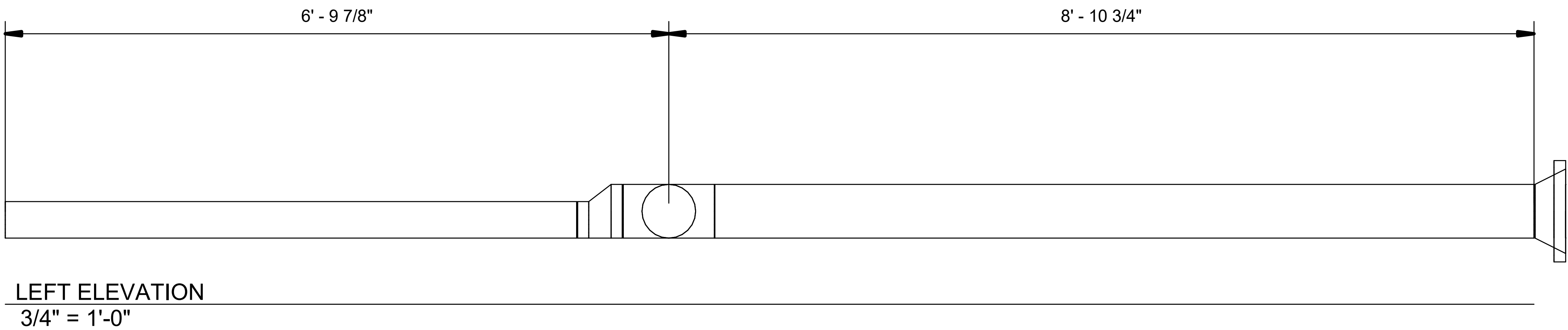
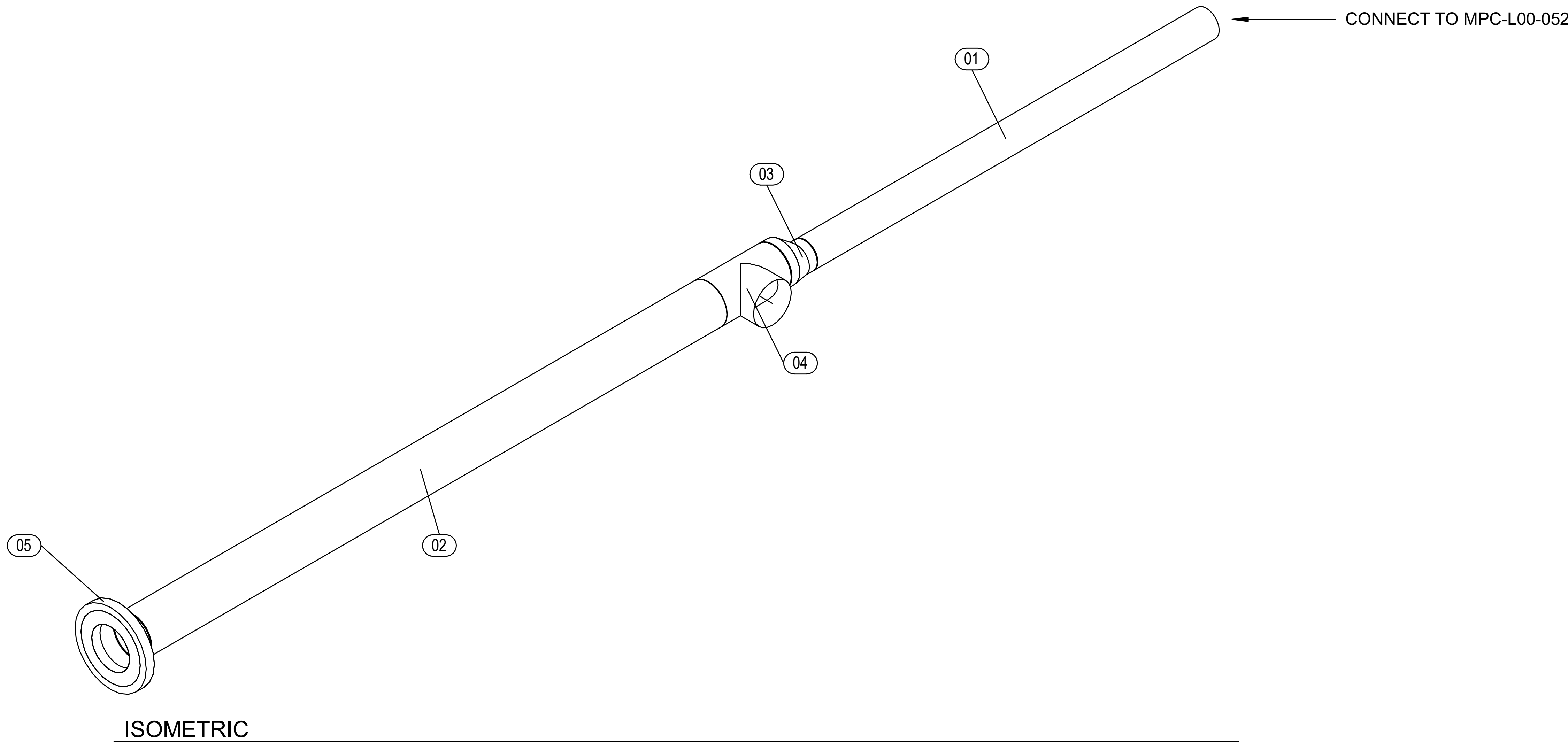
MANIFOLDED/SEALED/WRAP

MPC-L00-053

DATE:

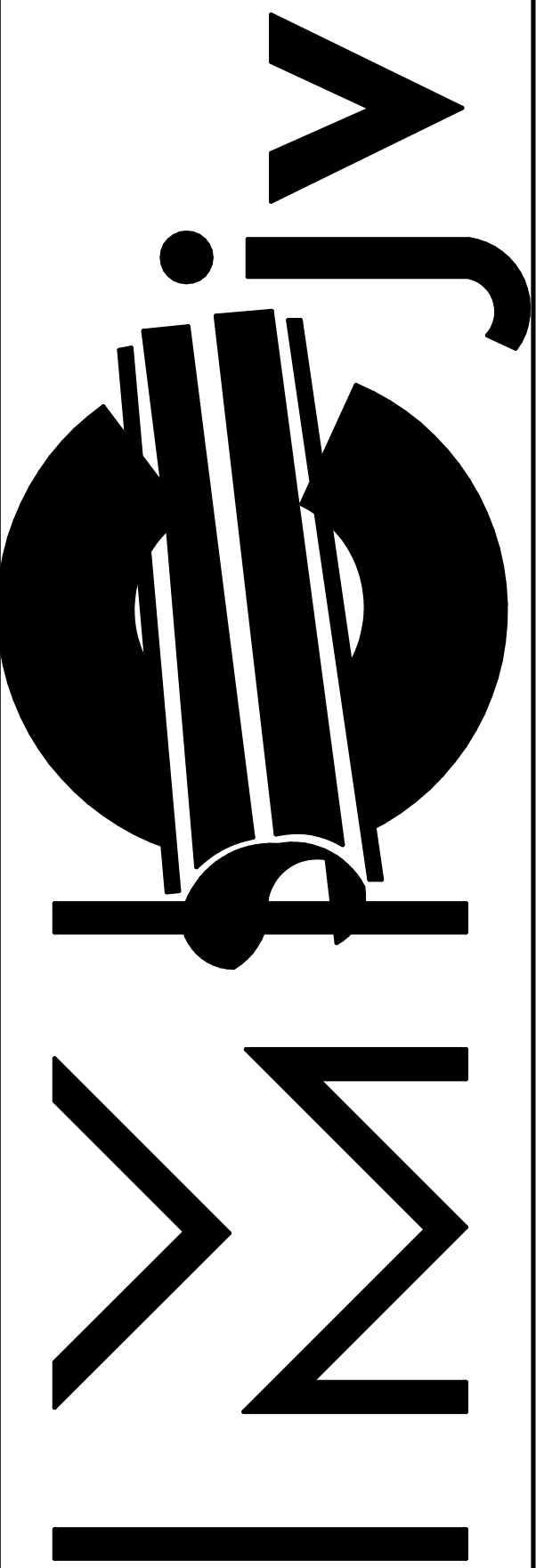
BIM 360://WUSM NRB/WJUSM RB HPF.rvt
7/28/2021 1:19:25 PM

Mark	Qty	Size	Description	Length	End Prep	Insulation
01	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	5'-10 1/2"	BVL X BVL	4 1/2"
02	1	6"	Chicago Area XH SA-53B CS SMLS Pipe	8'-5 1/16"	BVL X BVL	4 1/2"
03	1	6"x4"	XH Eccentric Reducer			4 1/2"
04	1	6"	Weldbend XH SA234 WPB CS BW TEE			4 1/2"
05	1	6"	Weldbend 300lb RF XH Bore SA105 CS WN FLG			4 1/2"



A1	A3	B1	B3
A2	A4	B2	B4

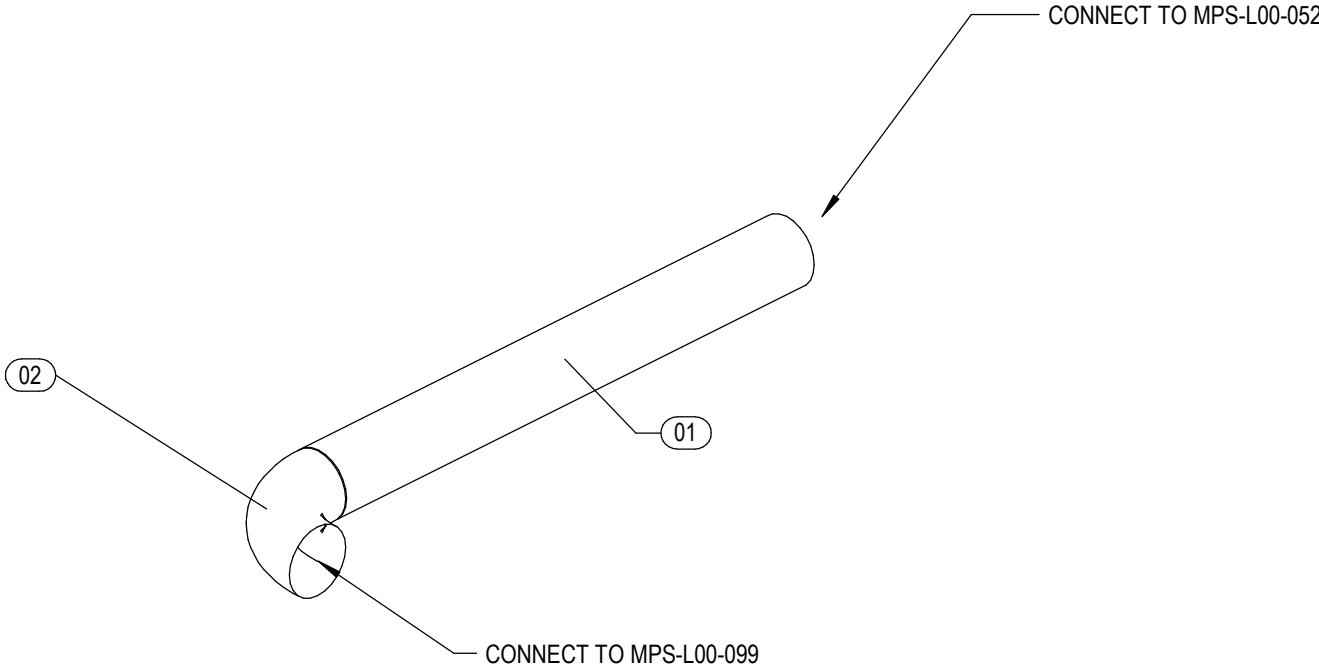
JOB:	WASH U NRB
TICKET:	MPC-L00-053
Drawn By: Author	
DATE: 07/23/21	DATE REQ:



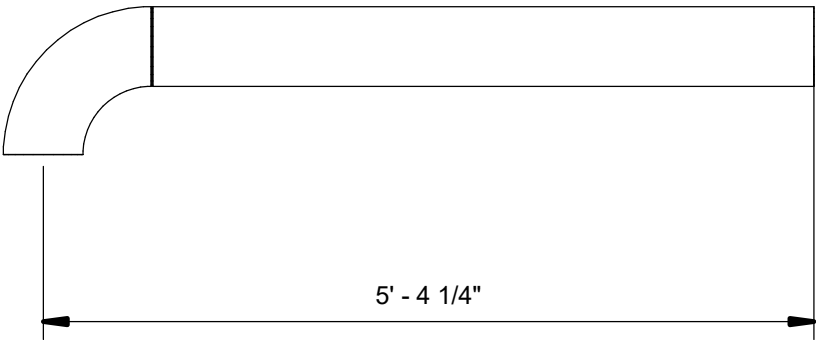
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
7/23/2021 12:53:54 PM

Mark	Qty	Size	Description	Length	Insulation	End Prep
01	1	6"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	4'-7 1/8"	4 1/2"	BVL X BVL
02	1	6"	Weldbend Std Wt SA234 WPB CS BW LR 90 Deg Ell		4 1/2"	



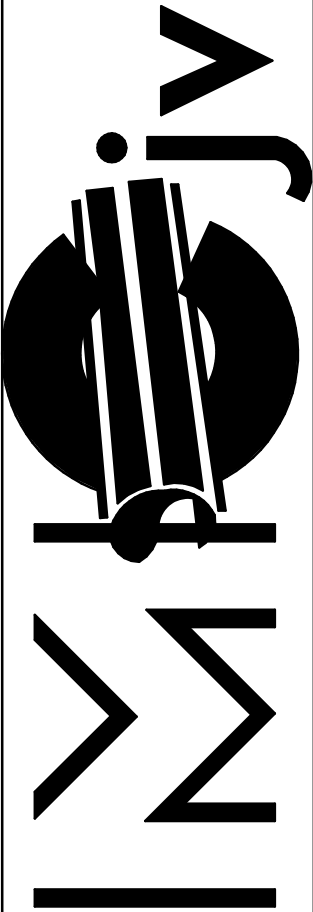
1 ISOMETRIC
SCALE:



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

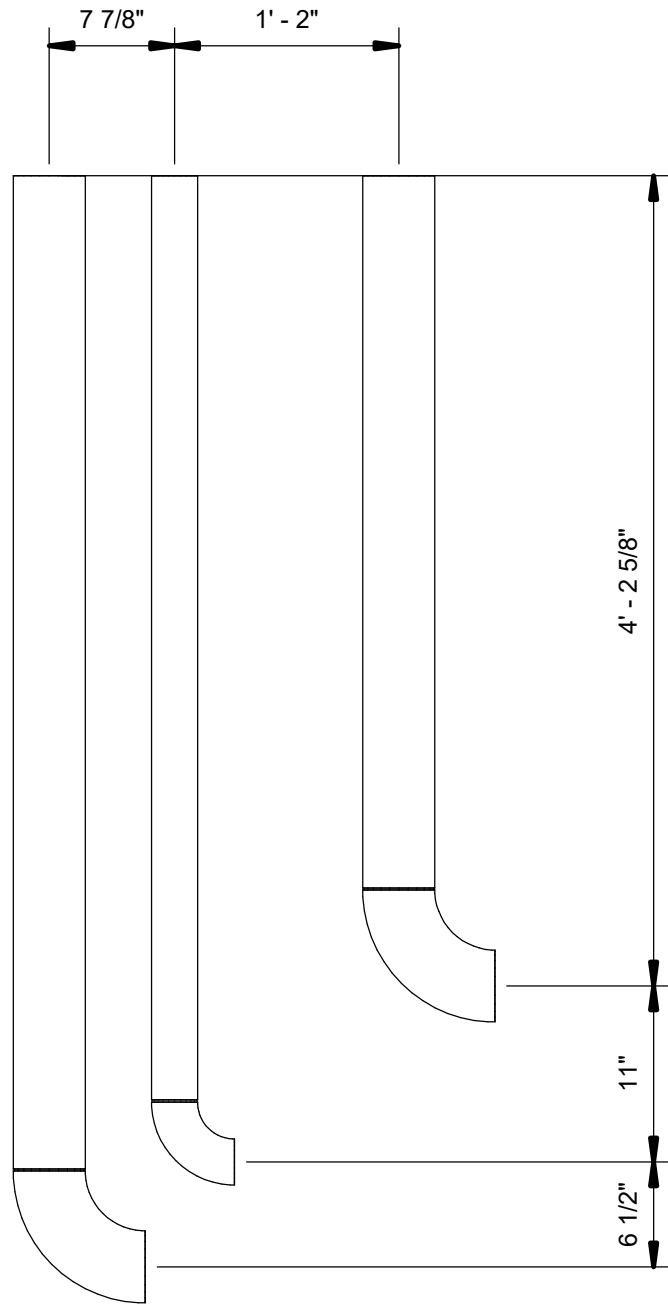
A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	MPS-L00-053
Drawn By: Author	
DATE: 06/11/21	DATE REQ:



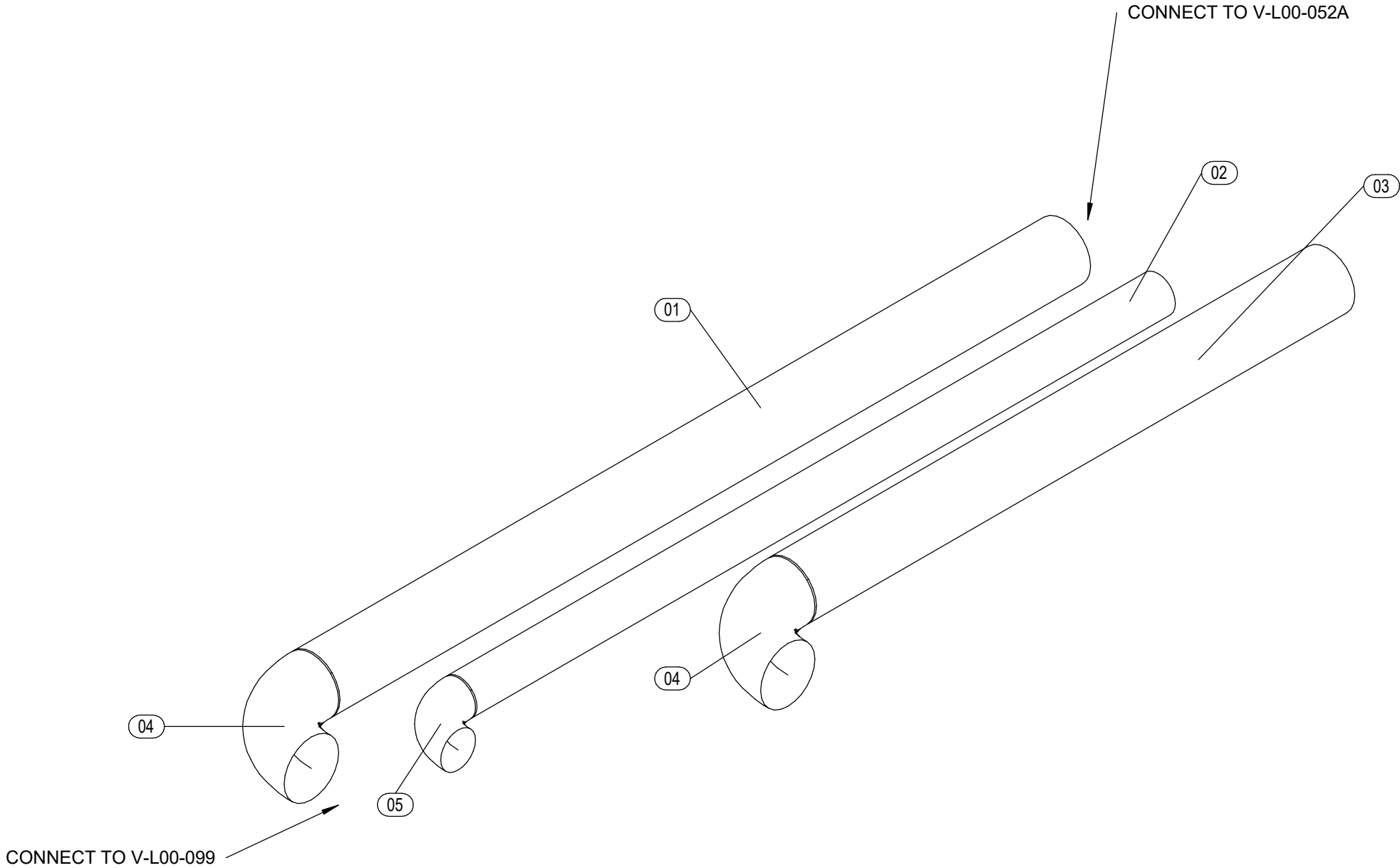
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
7/23/2021 12:53:59 PM



TOP VIEW
1" = 1'-0"

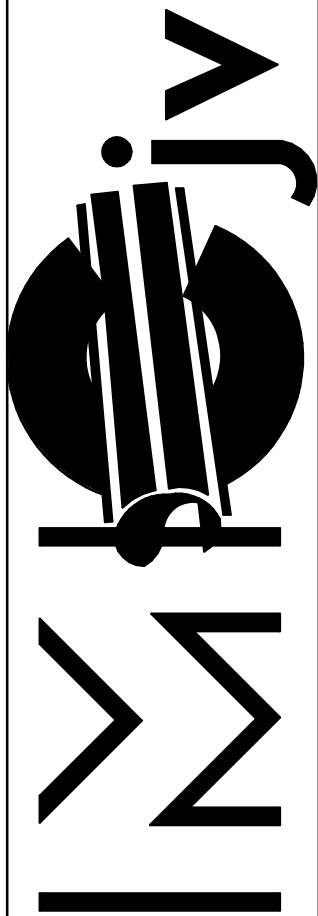
Mark	Qty	Size	Description	Length	Insulation	End Prep
01	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	5'-2 1/8"		BVL X BVL
02	1	2 1/2"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	4'-9 13/16"		BVL X BVL
03	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	3'-8 9/16"		BVL X BVL
04	2	4"	Weldbend Std Wt SA234 WPB CS BW LR 90 Deg Ell			
05	1	2 1/2"	Weldbend Std Wt SA234 WPB CS BW LR 90 Deg Ell			



ISOMETRIC

A1	A3	B1	B3
A2	A4	B2	B4

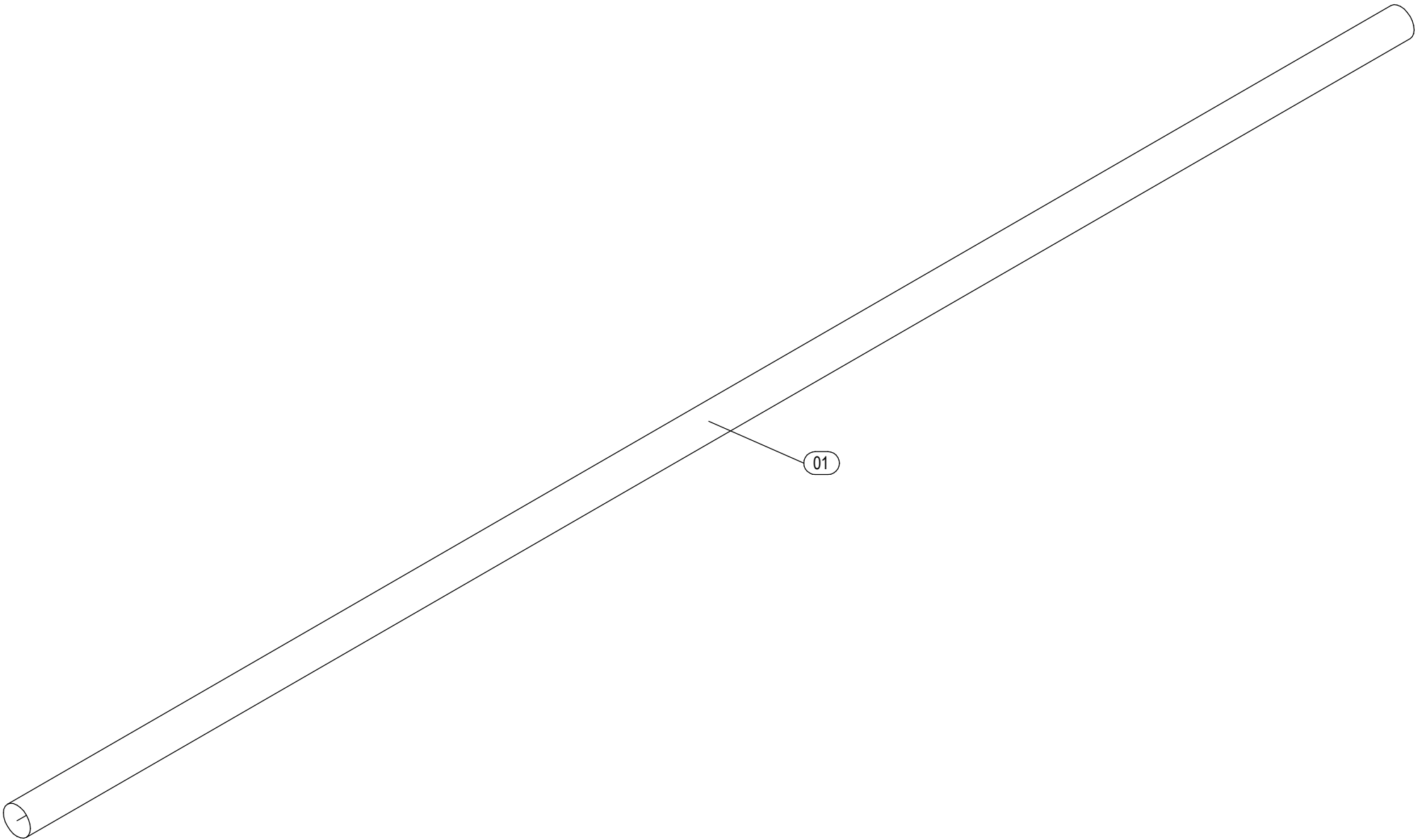
JOB:	WASH U NRB
TICKET:	V-L00-053A
Drawn By: Author	
DATE: 07/23/21	DATE REQ:



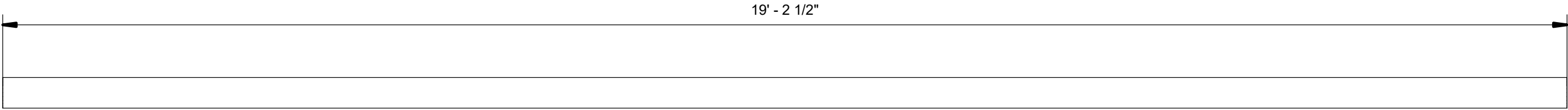
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
7/23/2021 12:54:04 PM

Mark	Qty	Size	Description	Length	End Prep
01	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	19'-2 1/2"	BVL X BVL



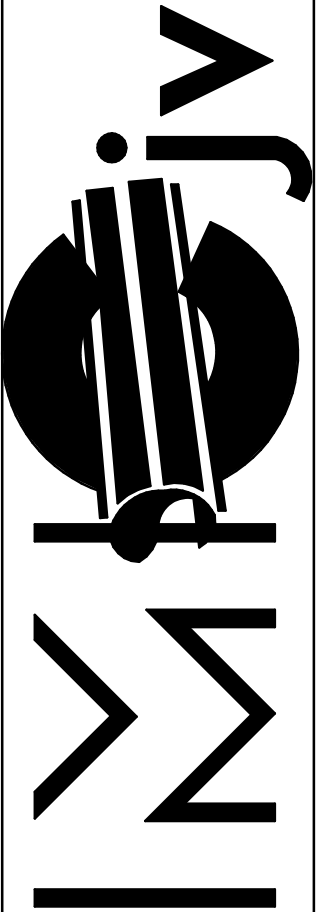
ISOMETRIC



LEFT ELEVATION
3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	V-L00-053B
Drawn By: Author	
DATE: 07/23/21	DATE REQ:



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