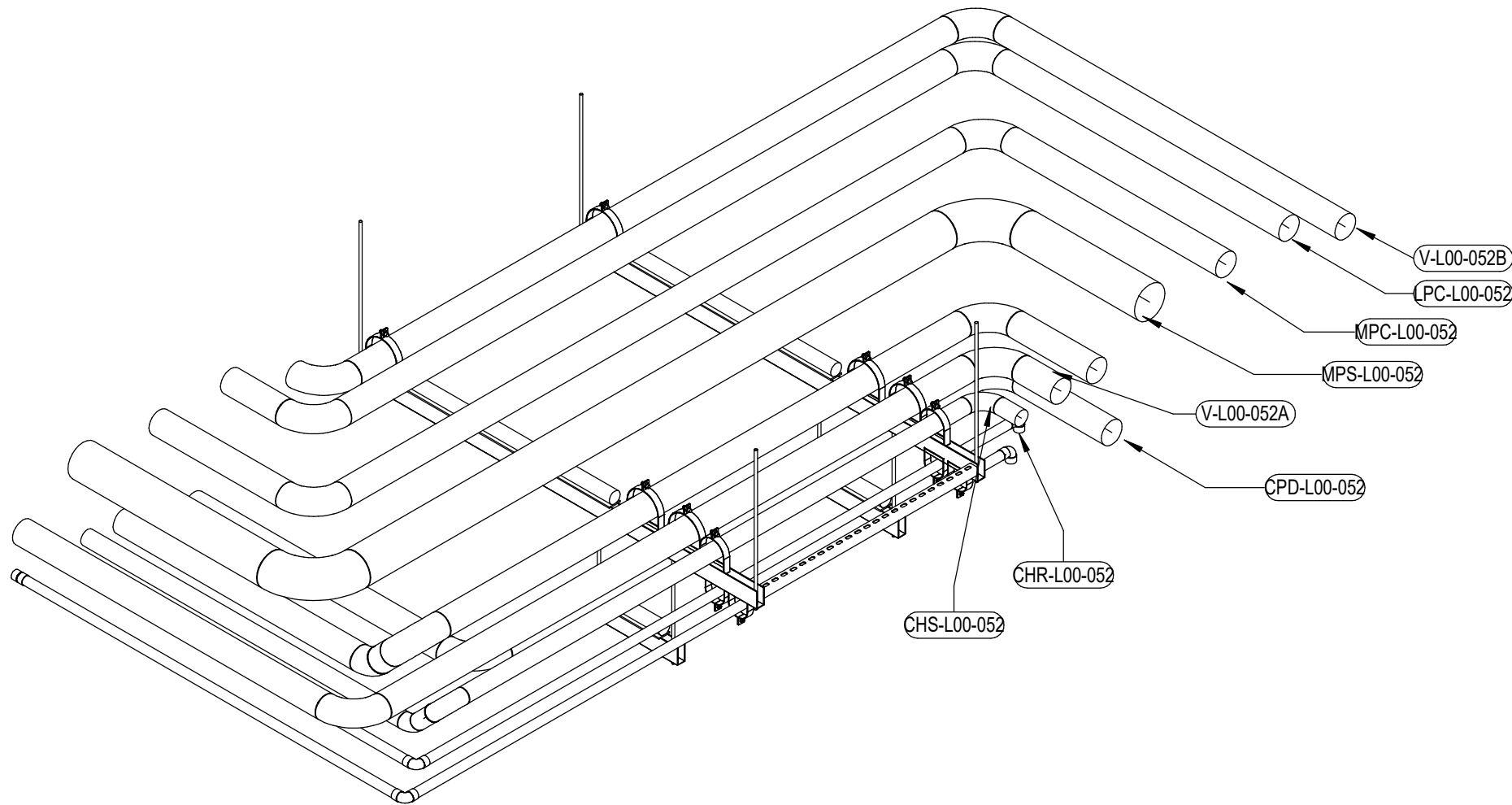
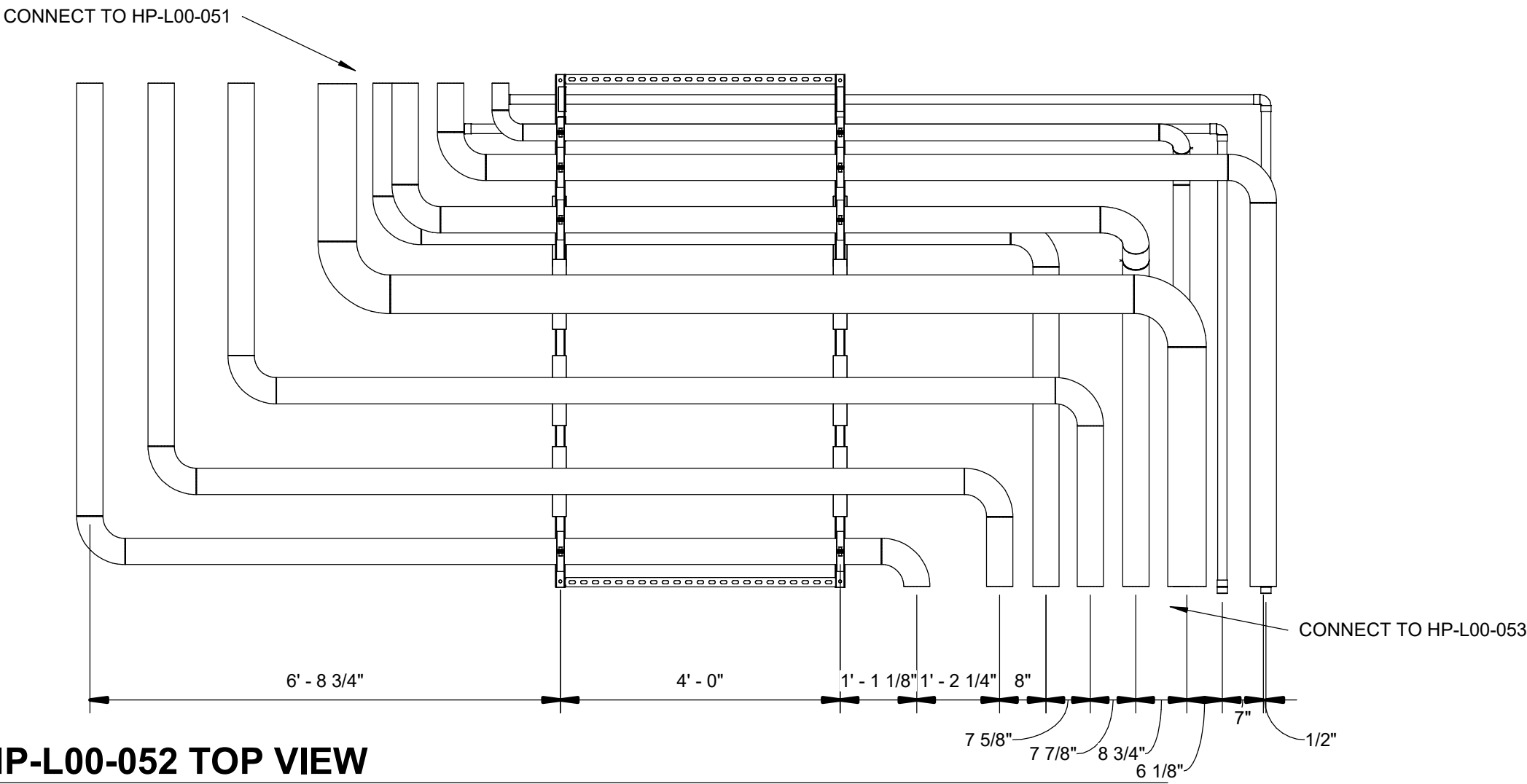


BIM 360://WUSM NRB/WUSM RB HPF.rvt
7/28/2021 2:08:15 PM



1 HP-L00-052
SCALE:



2 HP-L00-052 TOP VIEW
SCALE:

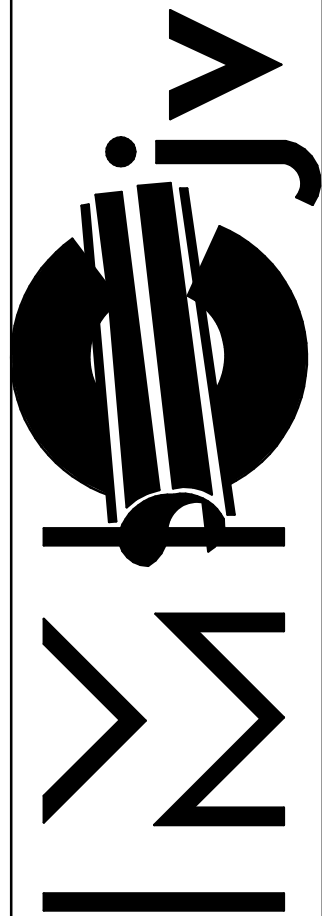
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET:

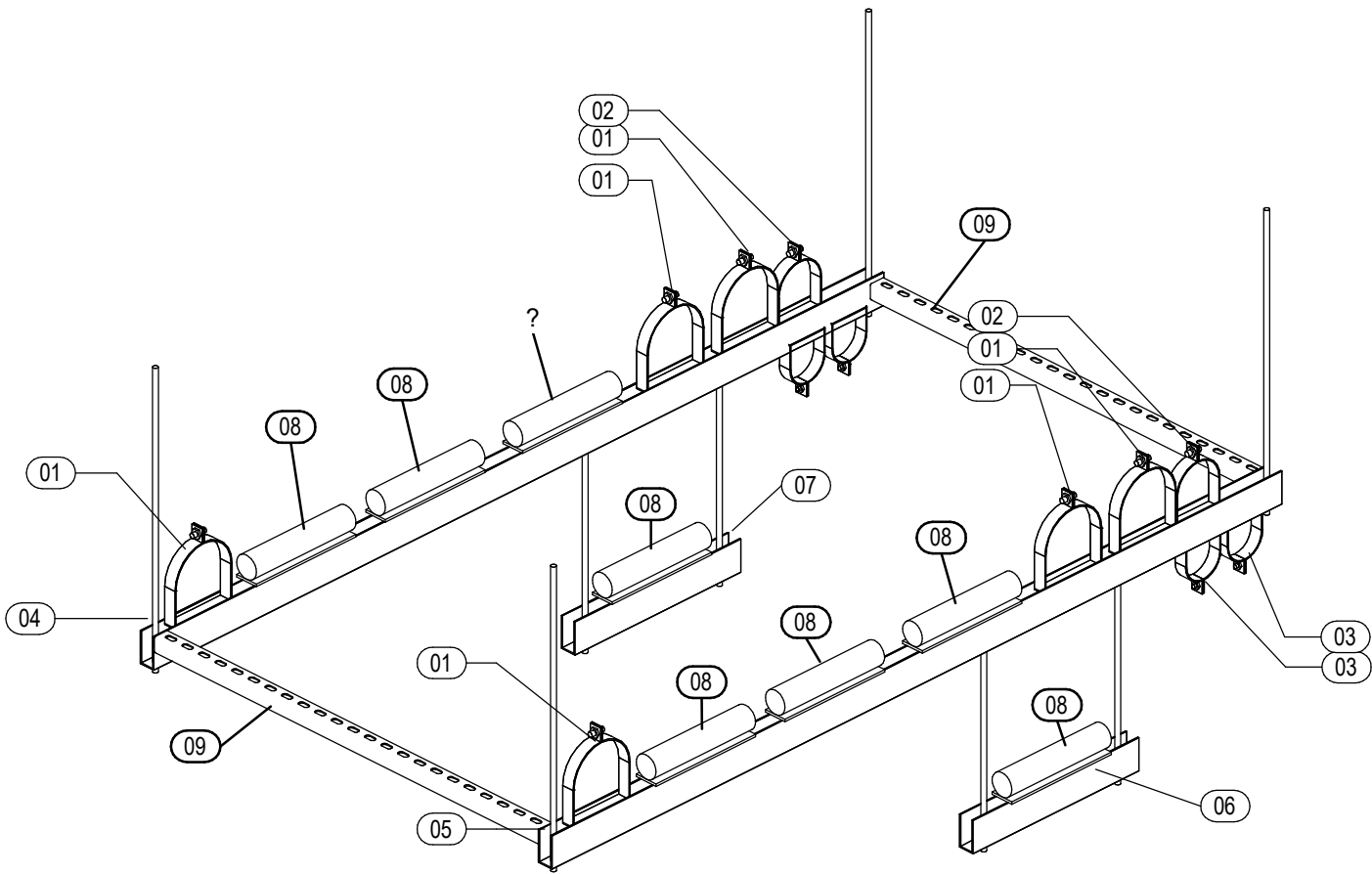
Drawn By: Author

DATE: 06/17/21 DATE REQ:



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BIM 360://WUSM NRBWUSM RB HPF.rvt
7/28/2021 10:17:09 AM



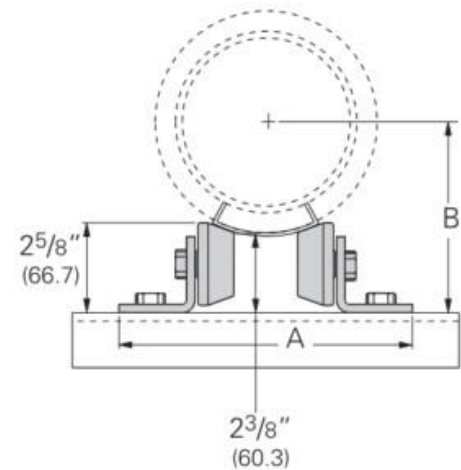
Mark	Qty	Size	Description	Strut Width	Rod 1	Rod 2
01	6	6"	B-Line B2000 ZN Sch 40 Pipe Clamp			
02	2	4.5"	B-Line B2000 ZN Sch 40 Pipe Clamp			
03	4	3.5"	B-Line B2000 ZN Sch 40 Pipe Clamp			
04	1	84"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	7' - 4"	2' - 2"	2' - 2"
05	1	84"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	7' - 4"	2' - 1"	2' - 1"
06	1	14 1/8"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	1' - 4 1/8"	1' - 8 1/8"	1' - 8 1/8"
07	1	14 1/4"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	1' - 4 1/8"	1' - 8 1/8"	1' - 8 1/8"
08	8	N/A	B218 Roller	12"		
09	2	N/A	B-Line 1-5/8 BK/BK 12GA Strut	3'-10 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.

FAB NOTES 2

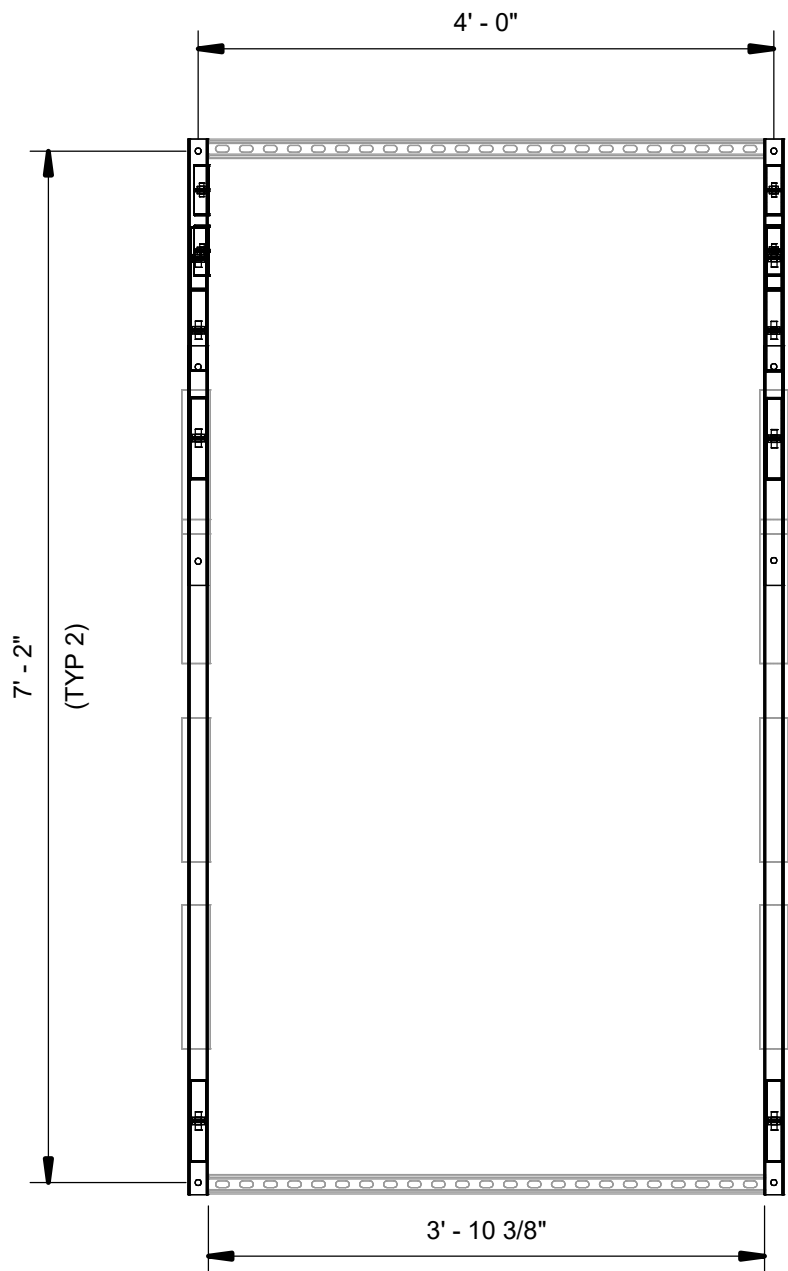
SCALE: 1/4" = 1'-0"

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



1 ISOMETRIC

SCALE:



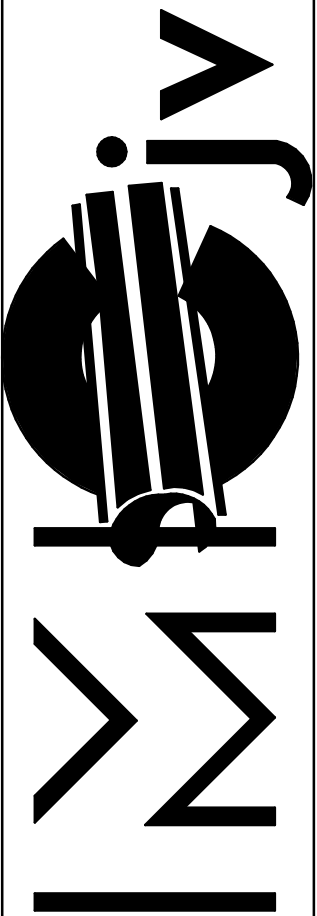
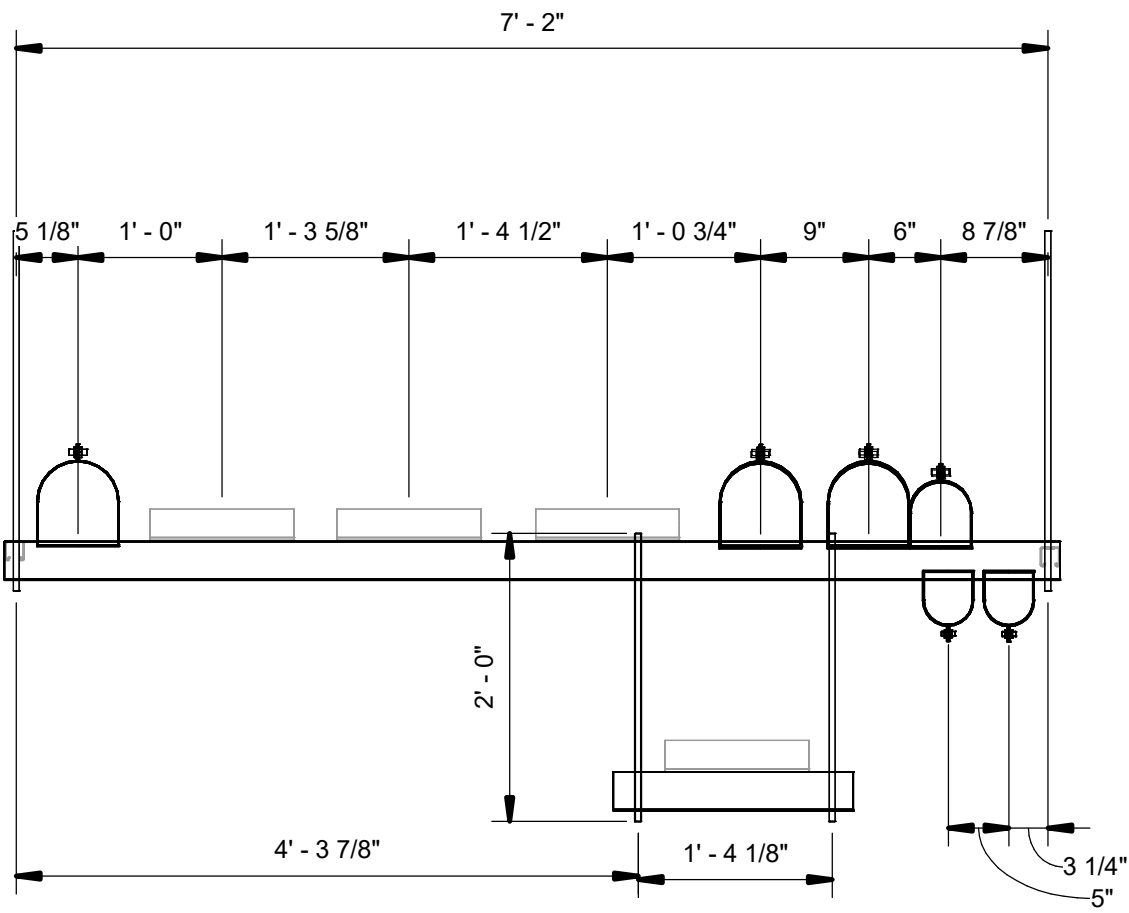
2 TOP VIEW

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

A1	A3	B1	B3
A2	A4	B2	B4

3 RIGHT ELEVATION

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



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JOB: WASH U NRB

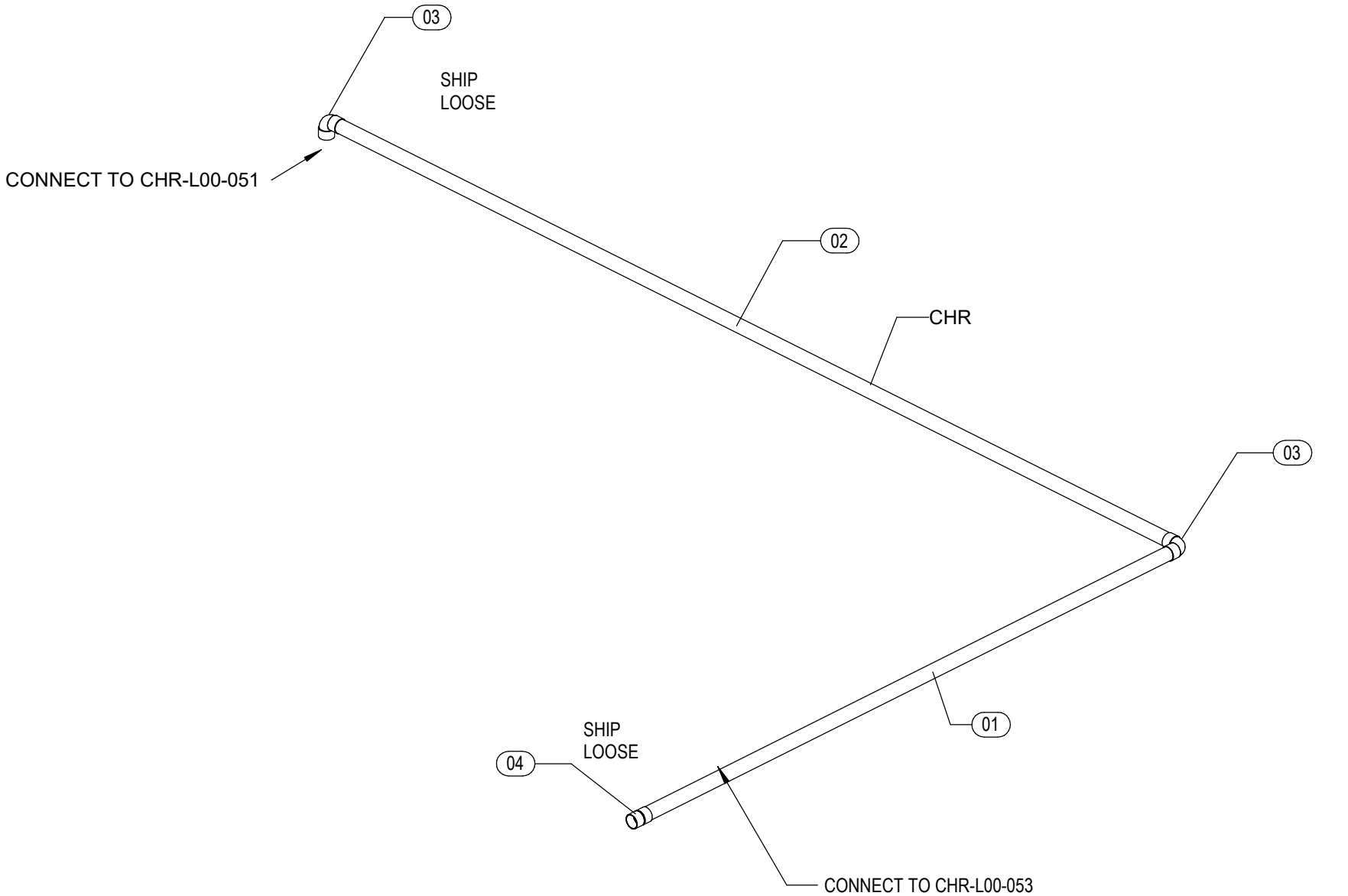
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Drawn By: Author

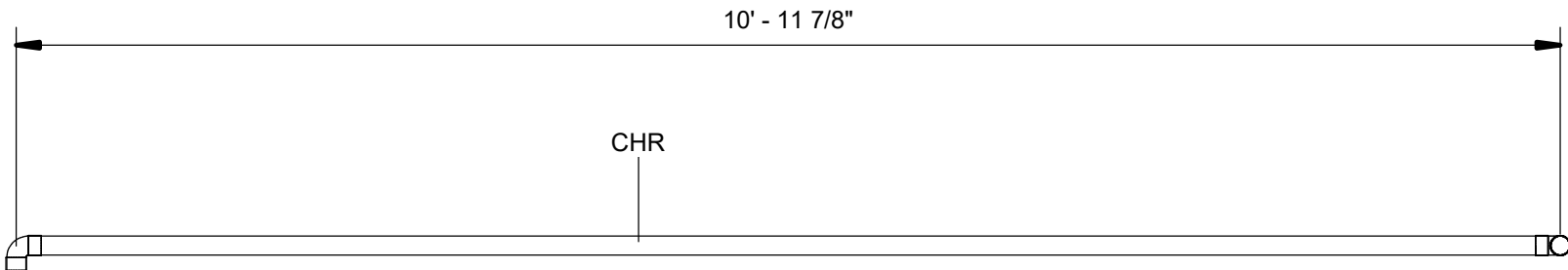
DATE REQ: 06/15/21

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
7/28/2021 2:11:40 PM

Mark	Qty	Size	Description	Length	Insulation	End Prep
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	6'-10 9/16"	1"	
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	10'-9 3/4"	1"	
03	2	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC		1"	
04	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC		1"	



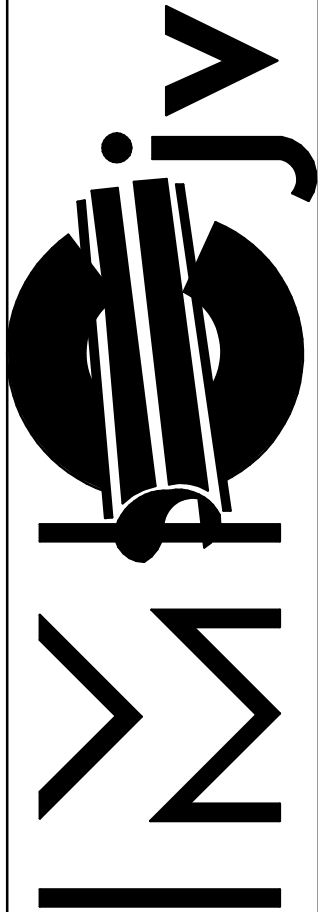
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

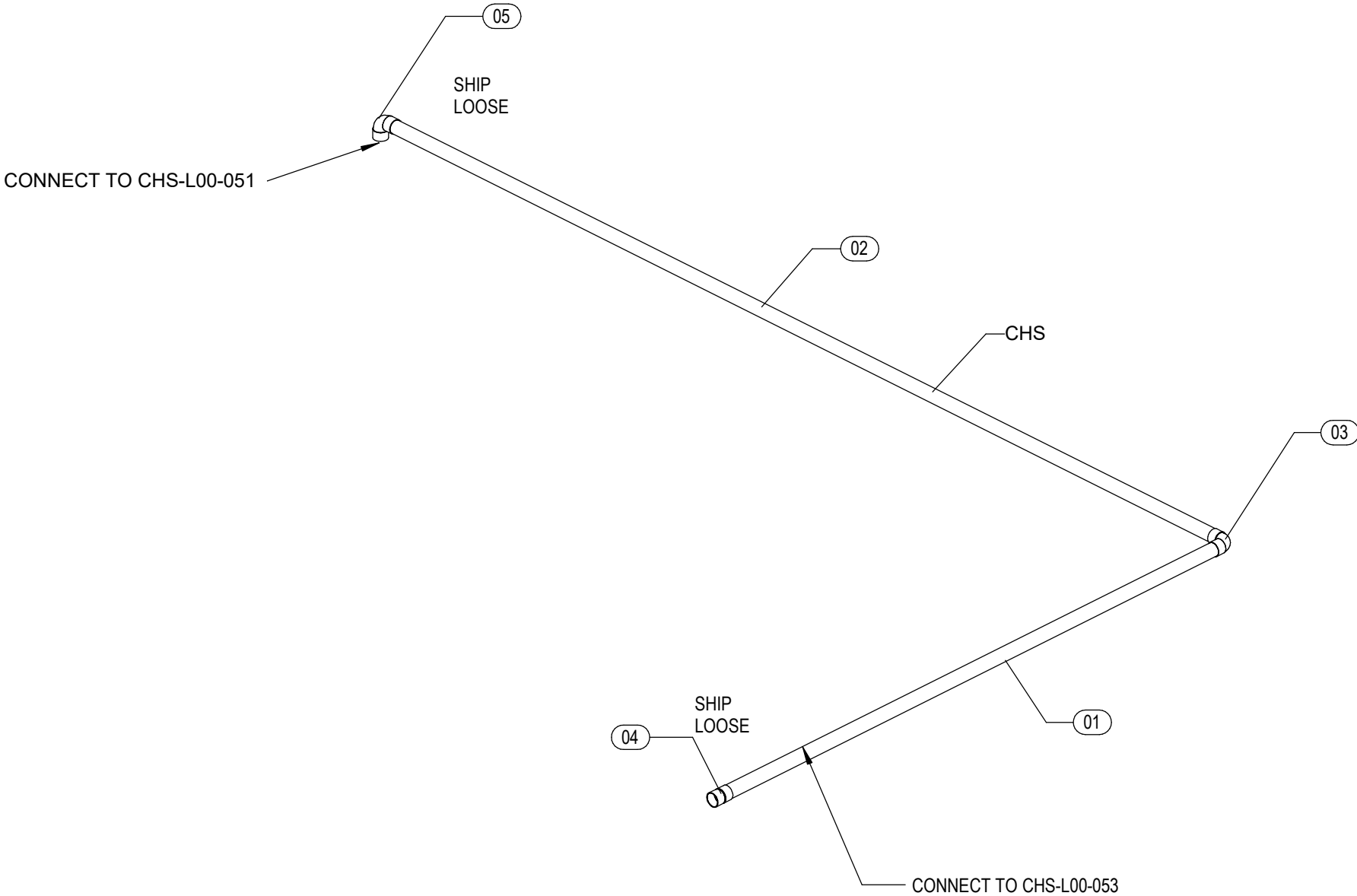
JOB:	WASH U NRB
TICKET:	CHR-L00-052
Drawn By: Author	
DATE: 06/08/21	DATE REQ:



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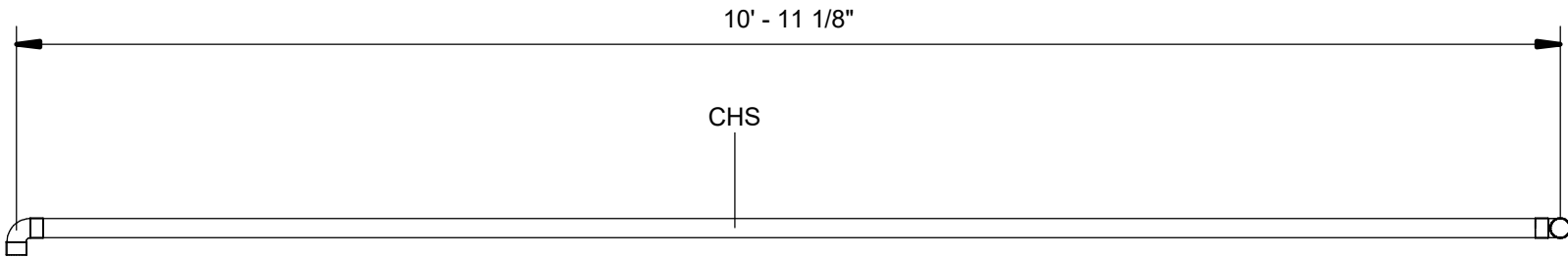
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7/28/2021 2:12:45 PM

Mark	Qty	Size	Description	Length	Insulation	End Prep
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	6'-5 1/2"	1"	
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	10'-8 15/16"	1"	
03	1	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC		1"	
04	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC		1"	
05	1	1 1/2"	Elkhart 107-C Wrot 90 Elbow - Close Ruff		1"	



1 ISOMETRIC

SCALE:



2 FRONT ELEVATION

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

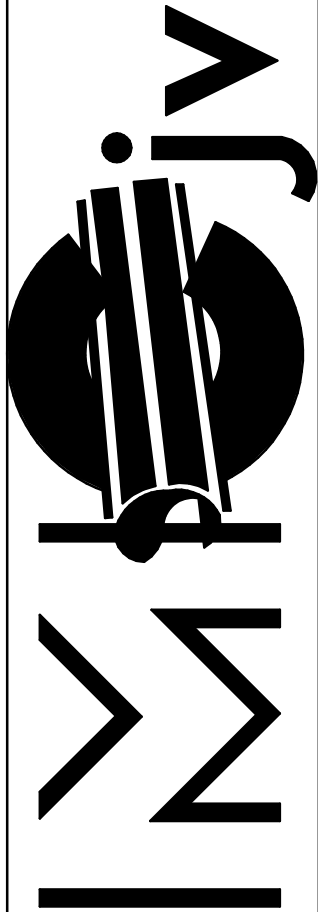
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: CHS-L00-052

Drawn By: Author

DATE: 06/08/21 DATE REQ:

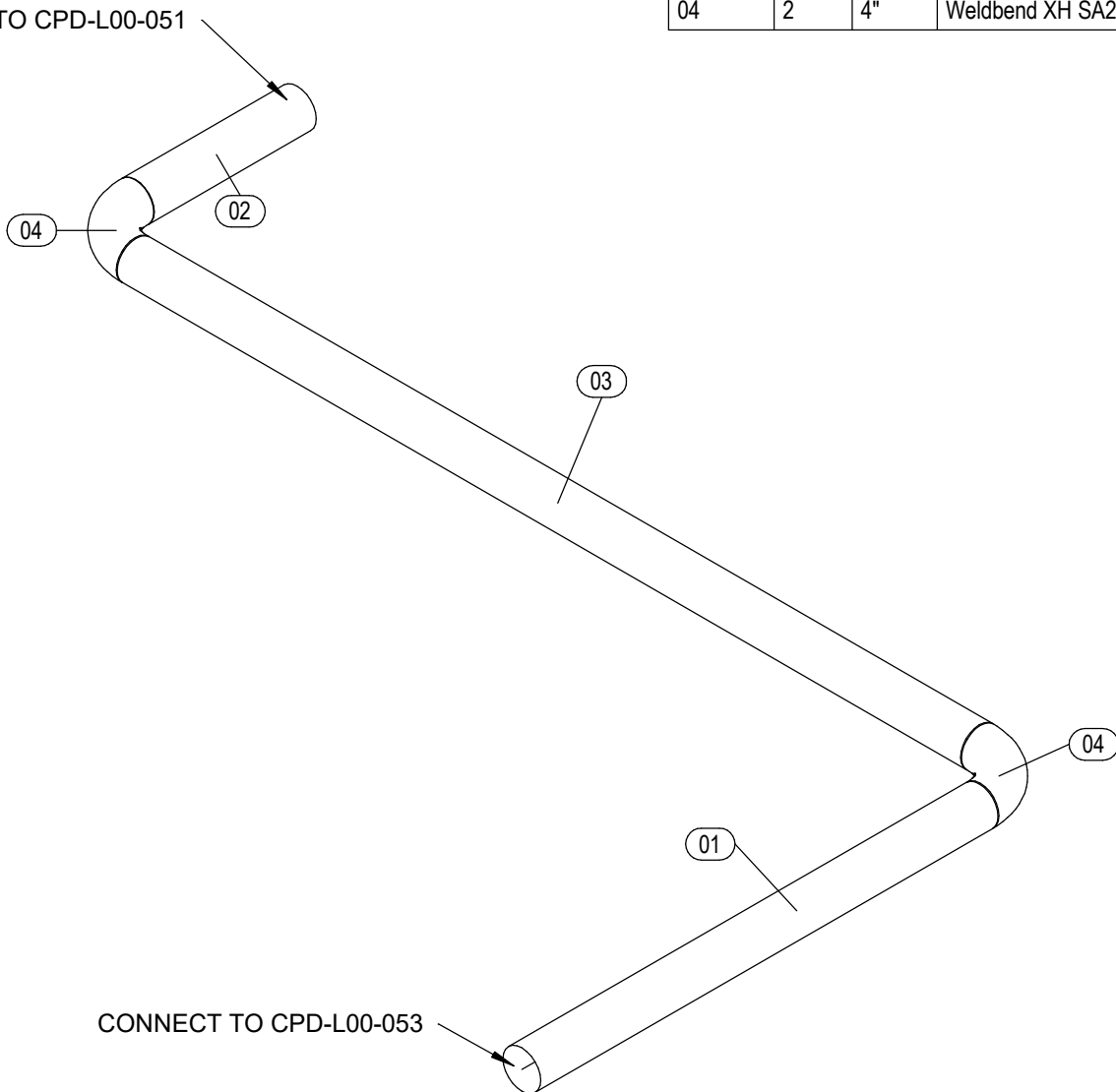


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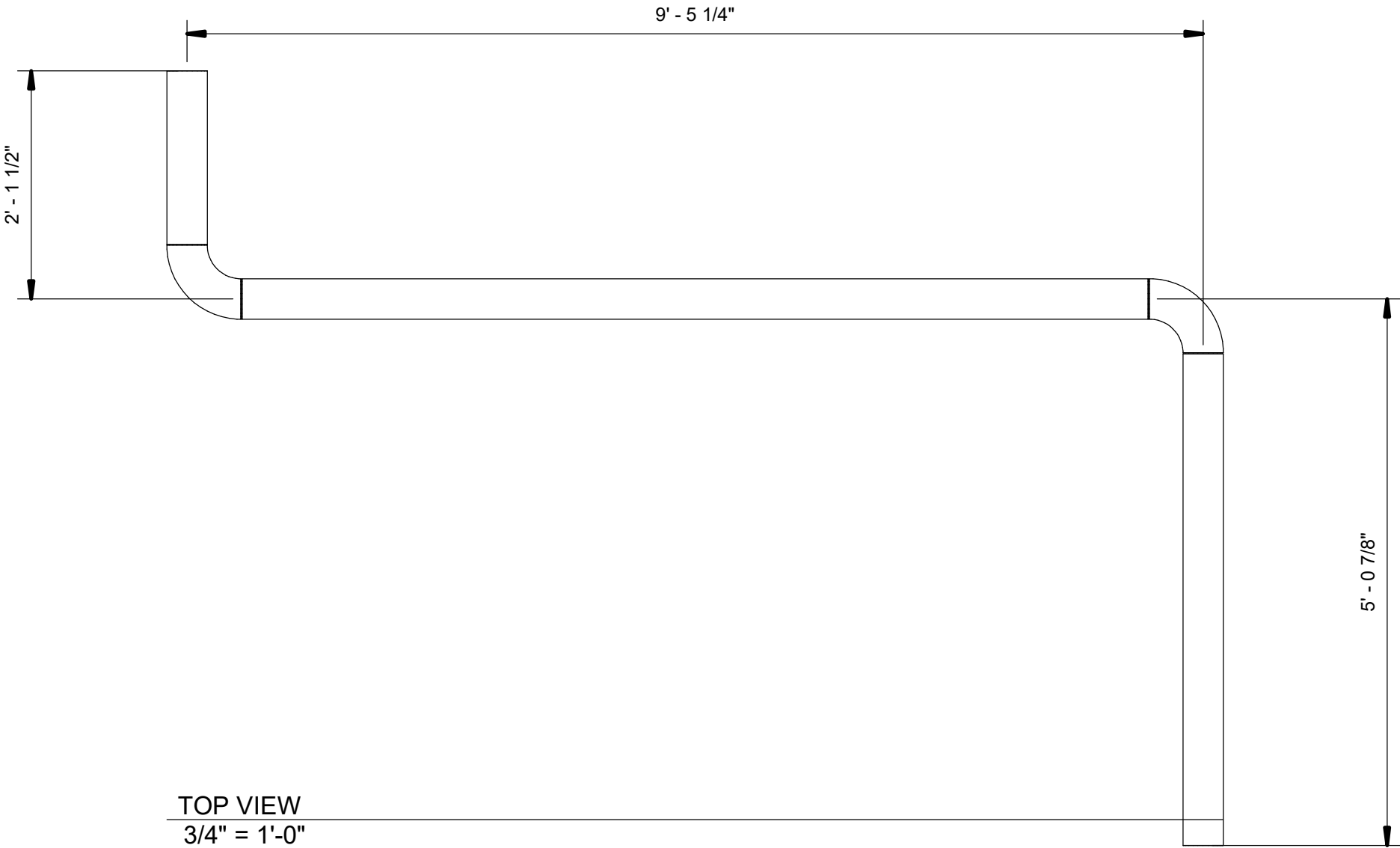
BIM 360://WUSM NRB\\WUSM_RB_HPF.rvt
7/23/2021 9:02:50 AM

Mark	Qty	Size	Description	Length	Insulation	End Prep
01	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	4'-6 13/16"	4 1/2"	BVL X BVL
02	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	1'-7 3/8"	4 1/2"	BVL X BVL
03	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	8'-5"	4 1/2"	BVL X BVL
04	2	4"	Weldbend XH SA234 WPB CS BW LR 90 Deg Ell		4 1/2"	

CONNECT TO CPD-L00-051



ISOMETRIC



TOP VIEW
3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

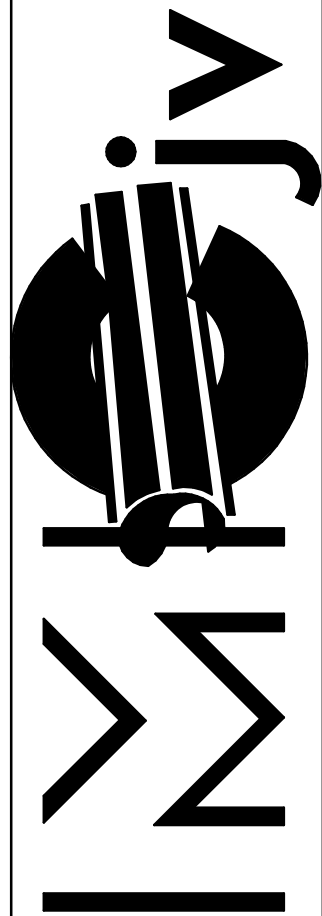
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TICKET: CPD-L00-052

Drawn By: Author

DATE: 07/22/21

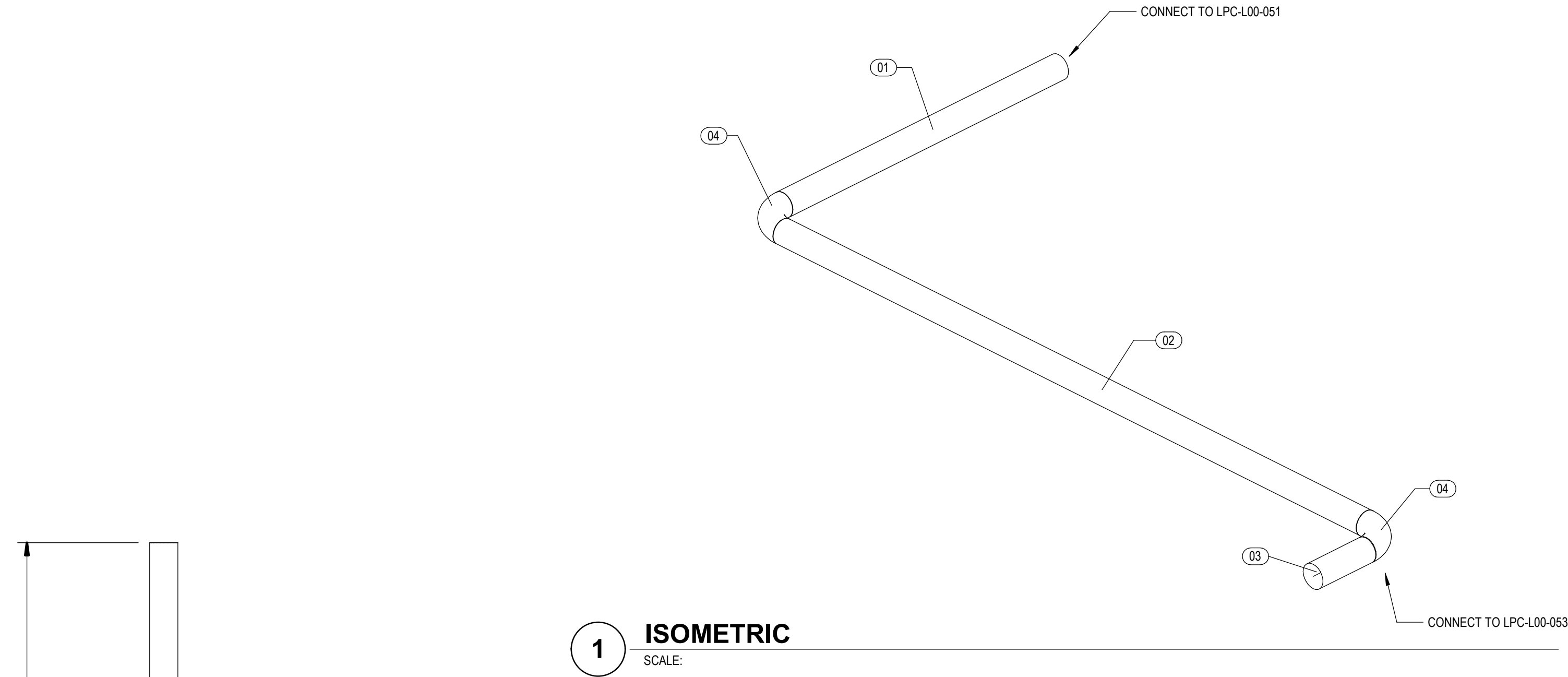
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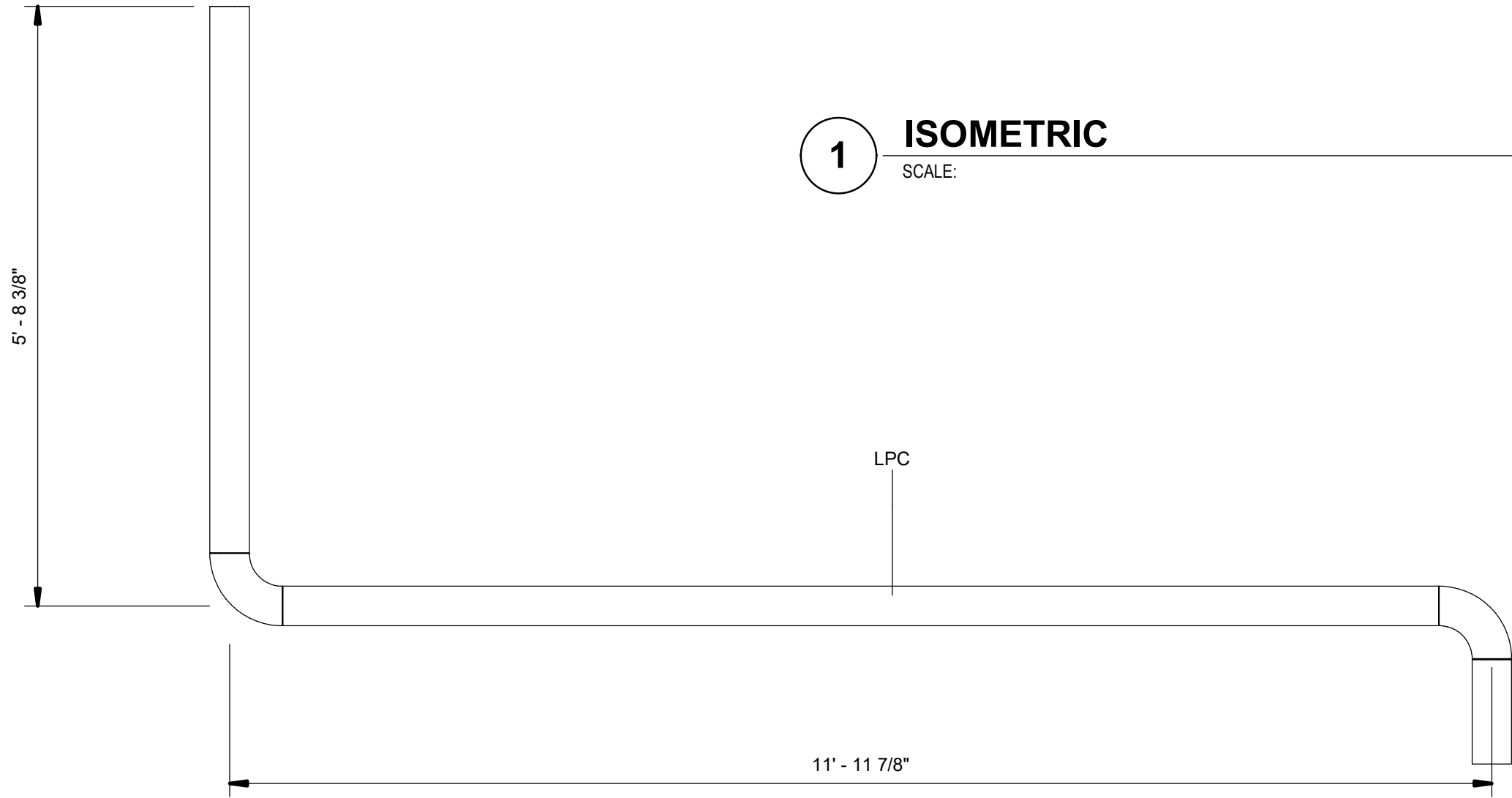
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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
7/23/2021 9:02:55 AM

Mark	Qty	Size	Description	Length	Insulation	End Prep
01	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	5'-2 1/4"	4 1/2"	BVL X BVL
02	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	10'-11 3/4"	4 1/2"	BVL X BVL
03	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	0'-11 7/8"	4 1/2"	BVL X BVL
04	2	4"	Weldbend XH SA234 WPB CS BW LR 90 Deg Ell		4 1/2"	



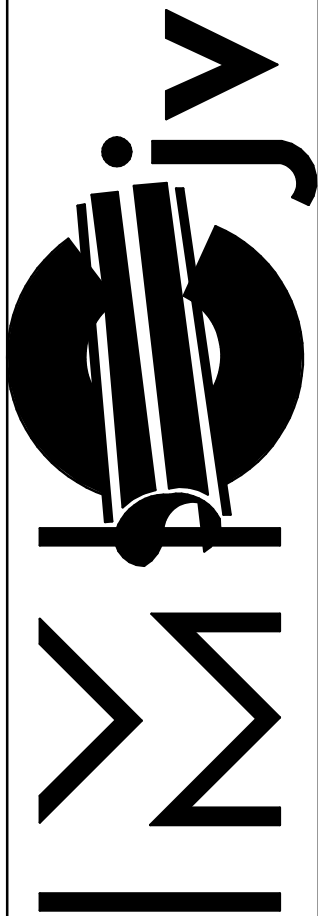
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

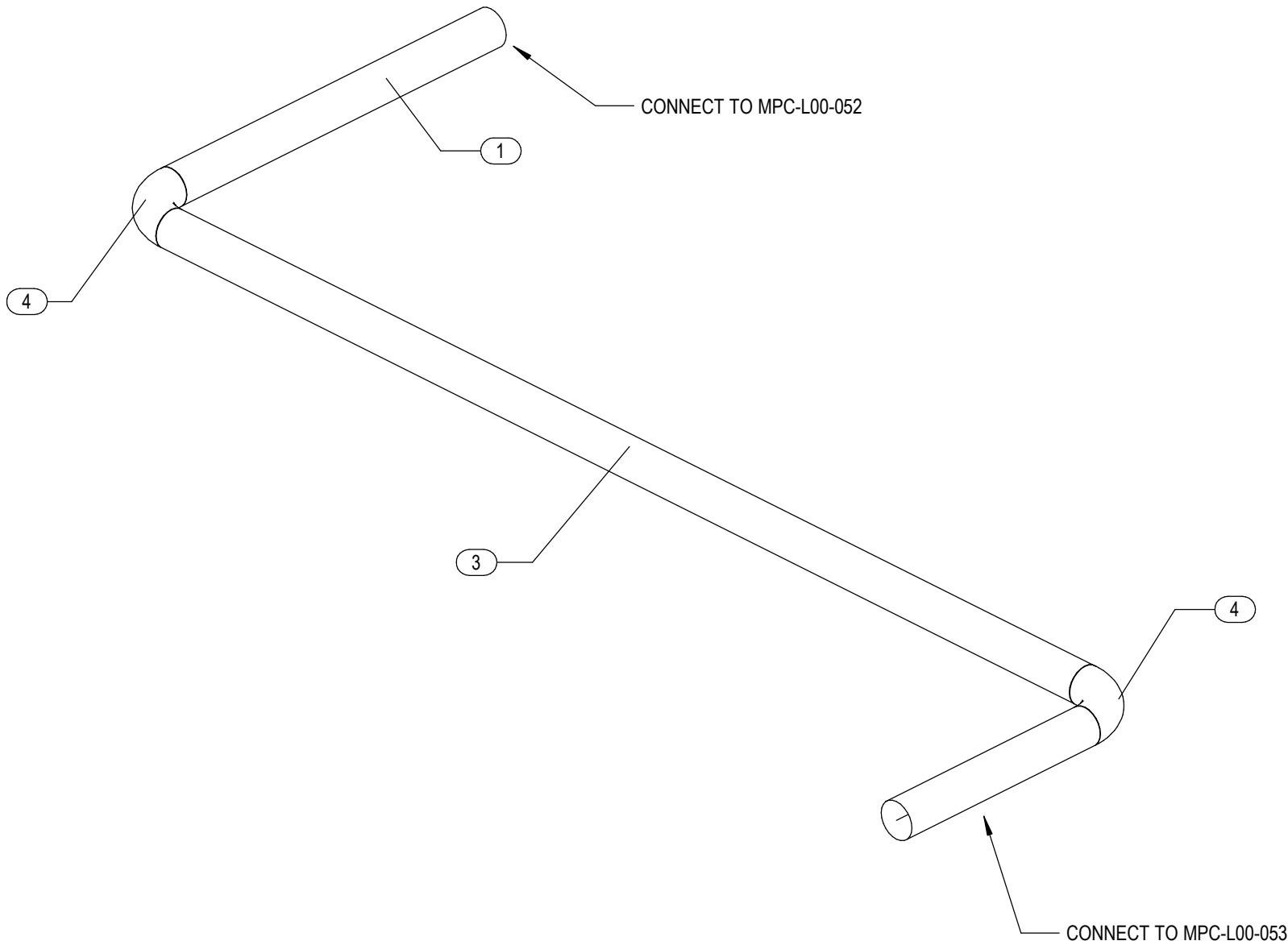
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TICKET:	LPC-L00-052
Drawn By: Author	
DATE: 06/08/21	DATE REQ:



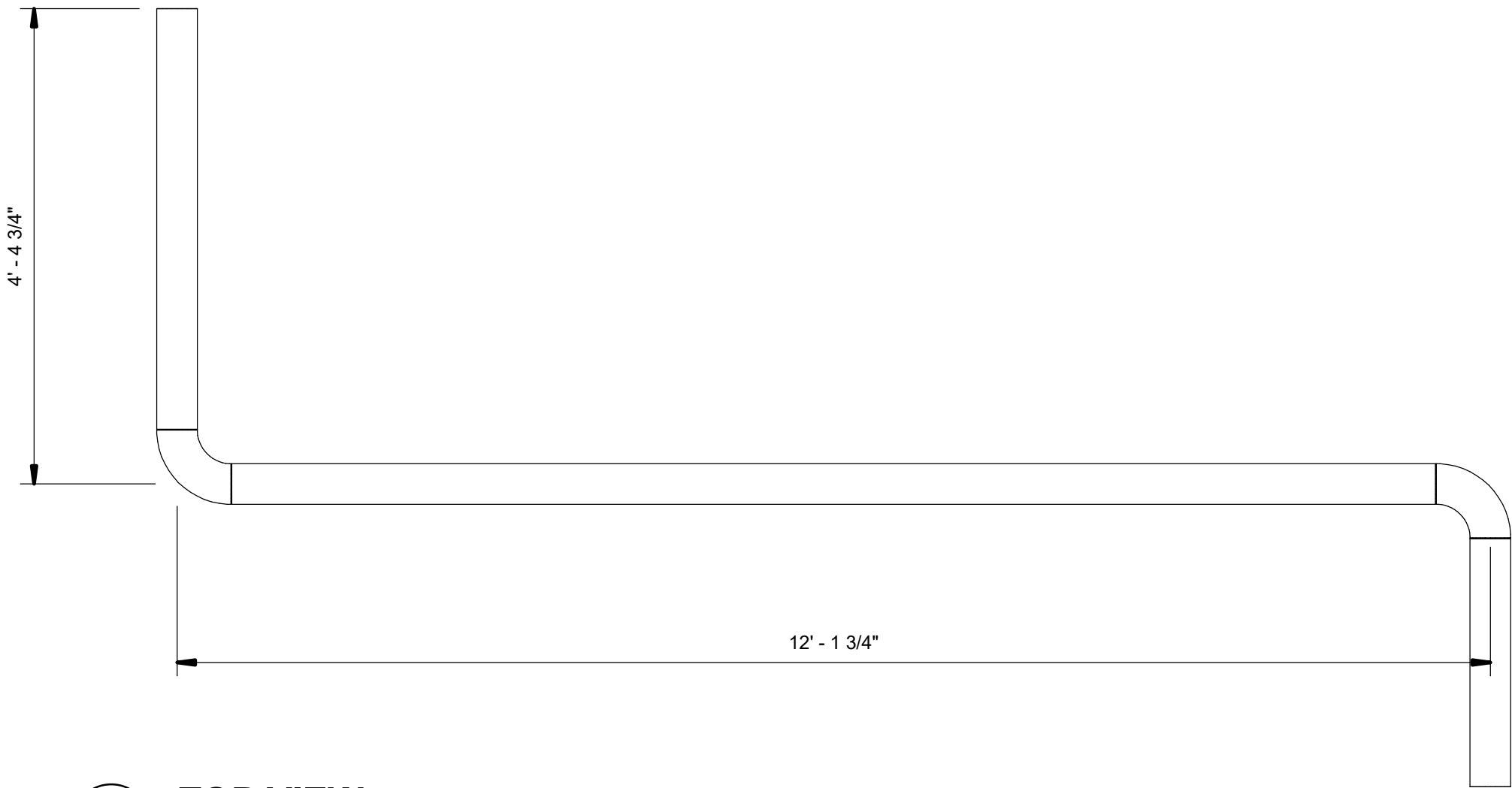
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7/23/2021 9:02:59 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	3'-10 11/16"				4 1/2"
2	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	1'-3 1/2"				4 1/2"
3	1	4"	Chicago Area XH SA-53B CS SMLS Pipe	11'-1 9/16"				4 1/2"
4	2	4"	Weidbend XH SA234 WPB CS BW LR 90 Deg Ell					4 1/2"



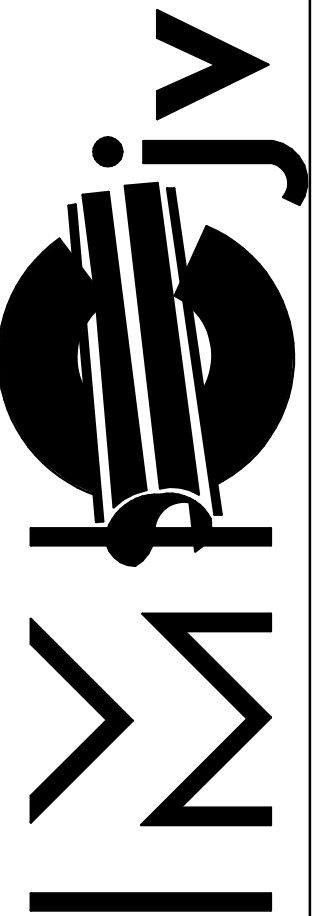
1 ISOMETRIC
SCALE:



2 TOP VIEW
SCALE: 3/4\"/>

A1	A3	B1	B3
A2	A4	B2	B4

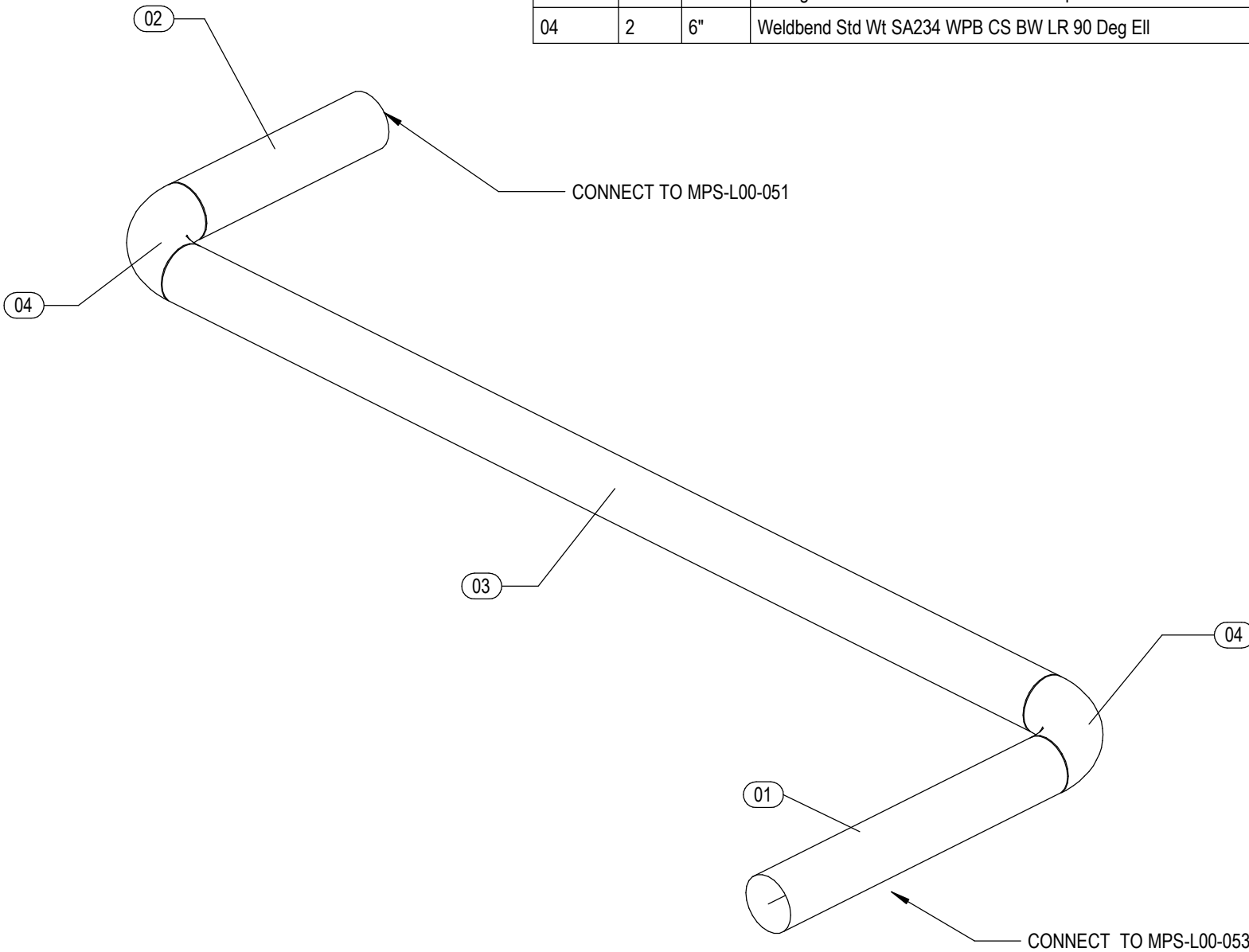
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TICKET:	MPC-L00-052
Drawn By: Author	
DATE: 06/08/21	DATE REQ:



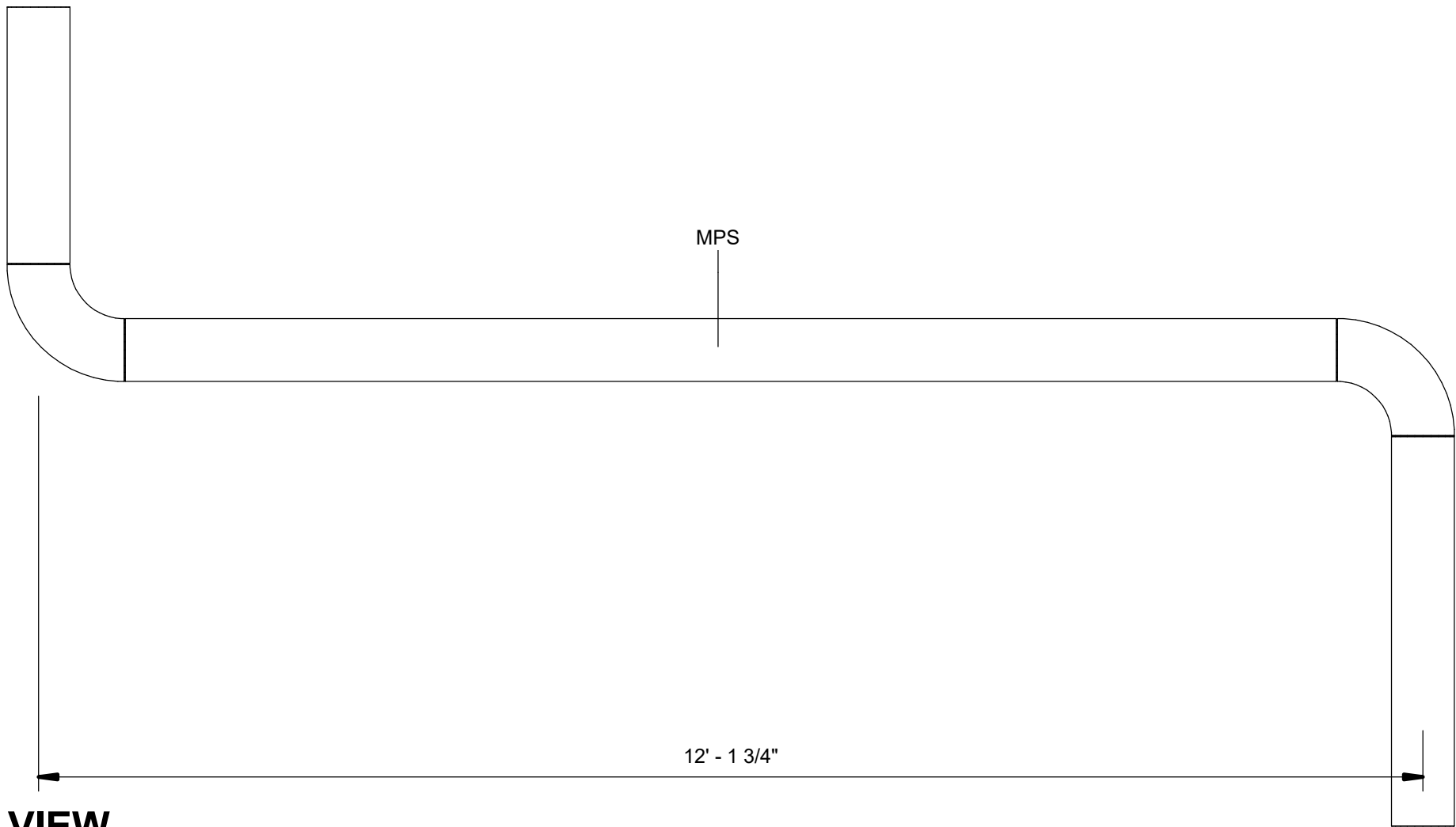
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7/23/2021 9:03:11 AM

Mark	Qty	Size	Description	Length	Insulation	End Prep
01	1	6"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	3'-5"	4 1/2"	BVL X BVL
02	1	6"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	2'-3"	4 1/2"	BVL X BVL
03	1	6"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	10'-7 1/2"	4 1/2"	BVL X BVL
04	2	6"	Weldbend Std Wt SA234 WPB CS BW LR 90 Deg Ell		4 1/2"	



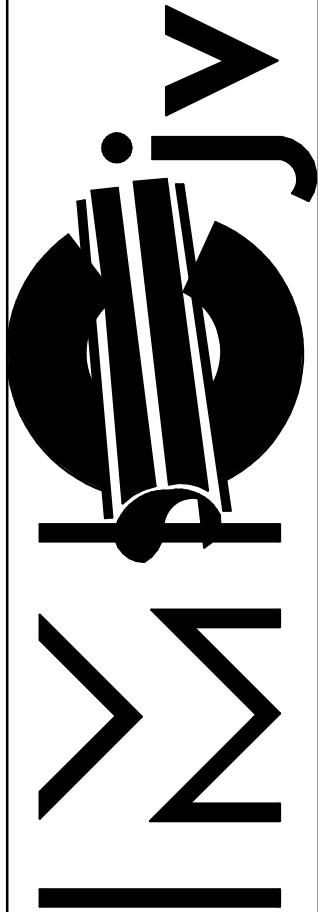
1 ISOMETRIC
SCALE:



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

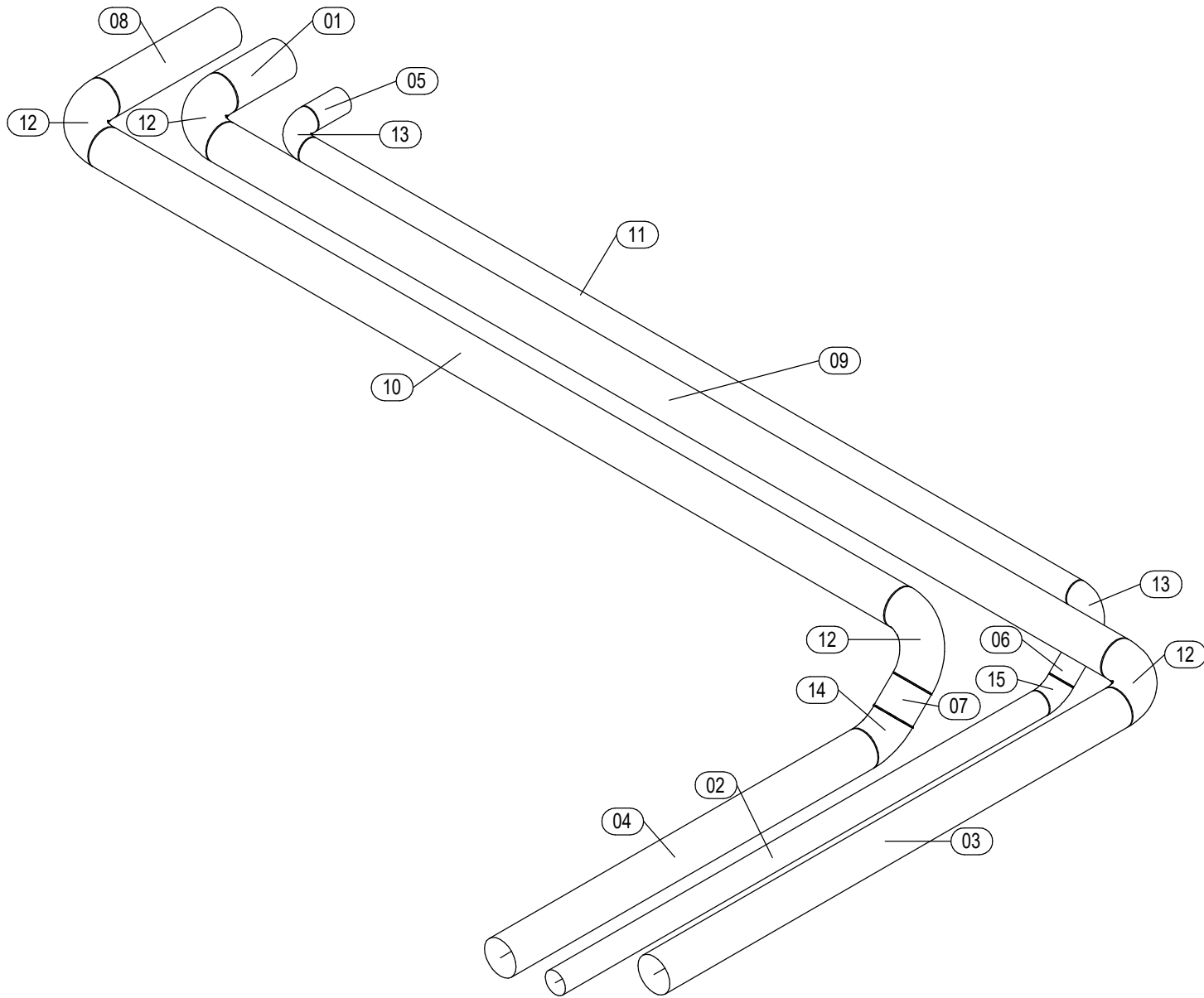
A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	MPS-L00-052
Drawn By: Author	
DATE: 06/08/21	DATE REQ:



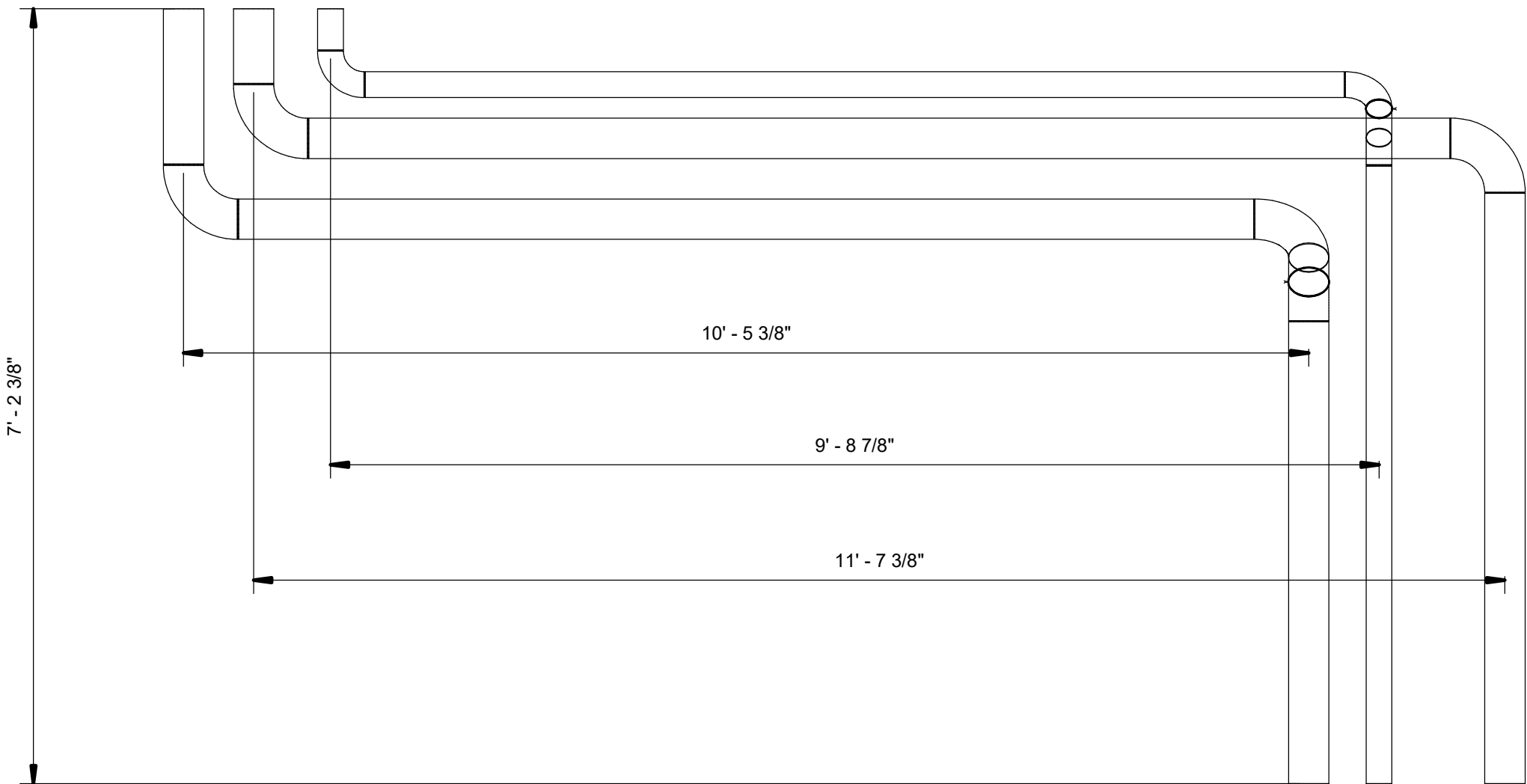
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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
7/23/2021 9:03:29 AM



ISOMETRIC

Mark	Qty	Size	Description	Length	Insulation	End Prep
01	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	0'-8 5/16"	1"	BVL X BVL
02	1	2 1/2"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	5'-8 13/16"	1"	BVL X BVL
03	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	5'-5 13/16"	1"	BVL X BVL
04	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	4'-3 1/2"	1"	BVL X BVL
05	1	2 1/2"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	0'-4 9/16"	1"	BVL X BVL
06	1	2 1/2"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	0'-4 7/16"	1"	BVL X BVL
07	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	0'-3 11/16"	1"	BVL X BVL
08	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	1'-5 5/16"	1"	BVL X BVL
09	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	10'-7 3/16"	1"	BVL X BVL
10	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	9'-5 1/8"	1"	BVL X BVL
11	1	2 1/2"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	9'-1 1/8"	1"	BVL X BVL
12	4	4"	Weldbend Std Wt SA234 WPB CS BW LR 90 Deg Ell		1"	
13	2	2 1/2"	Weldbend Std Wt SA234 WPB CS BW LR 90 Deg Ell		1"	
14	1	4"	Weldbend Std Wt SA234 WPB CS BW 45 Deg Ell		1"	
15	1	2 1/2"	Weldbend Std Wt SA234 WPB CS BW 45 Deg Ell		1"	



TOP VIEW
3/4" = 1'-0"

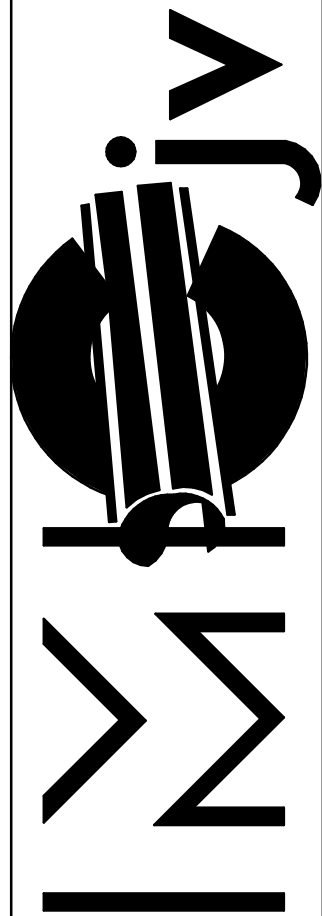
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: V-L00-052A

Drawn By: Author

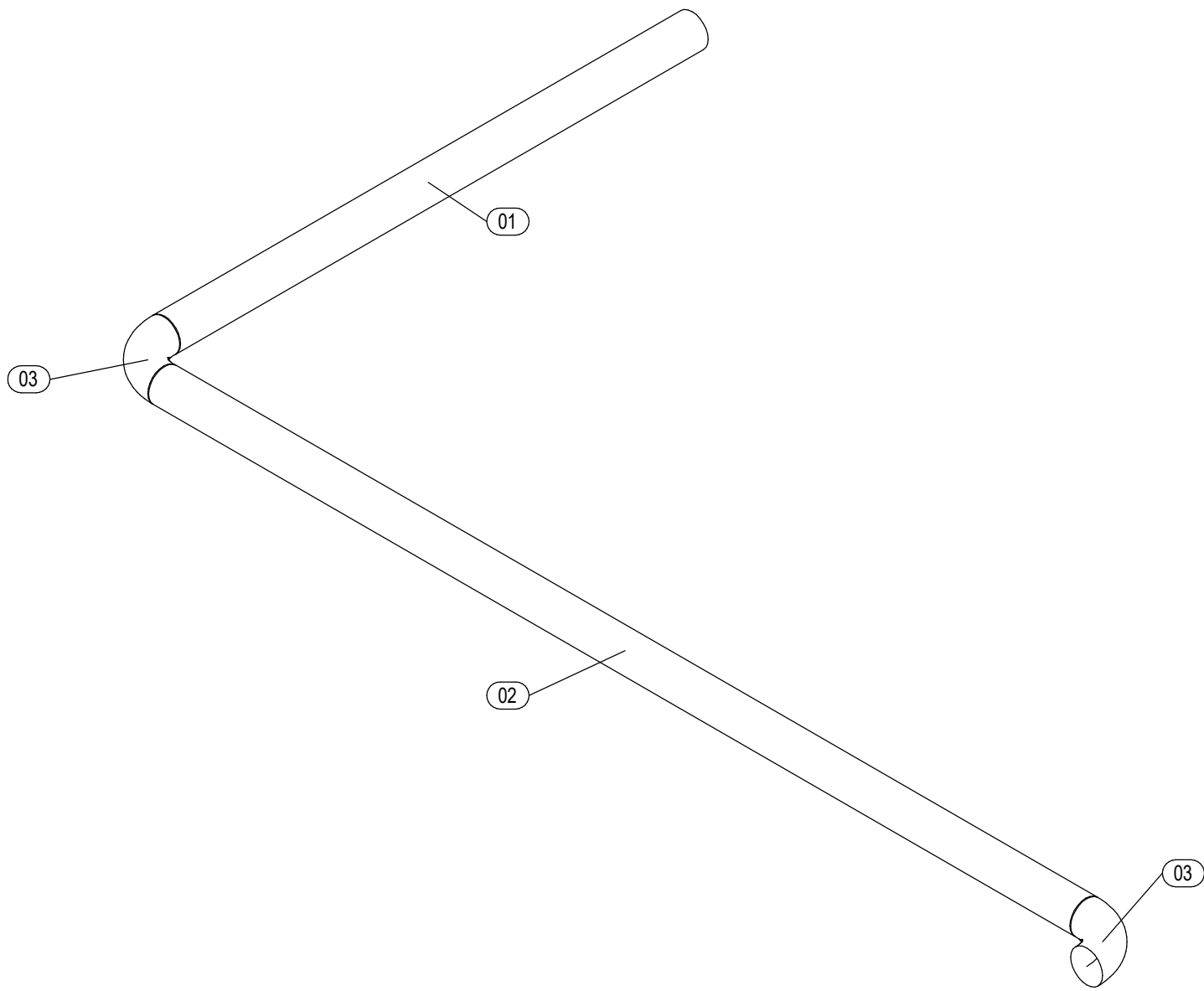
DATE REQ: 07/22/21



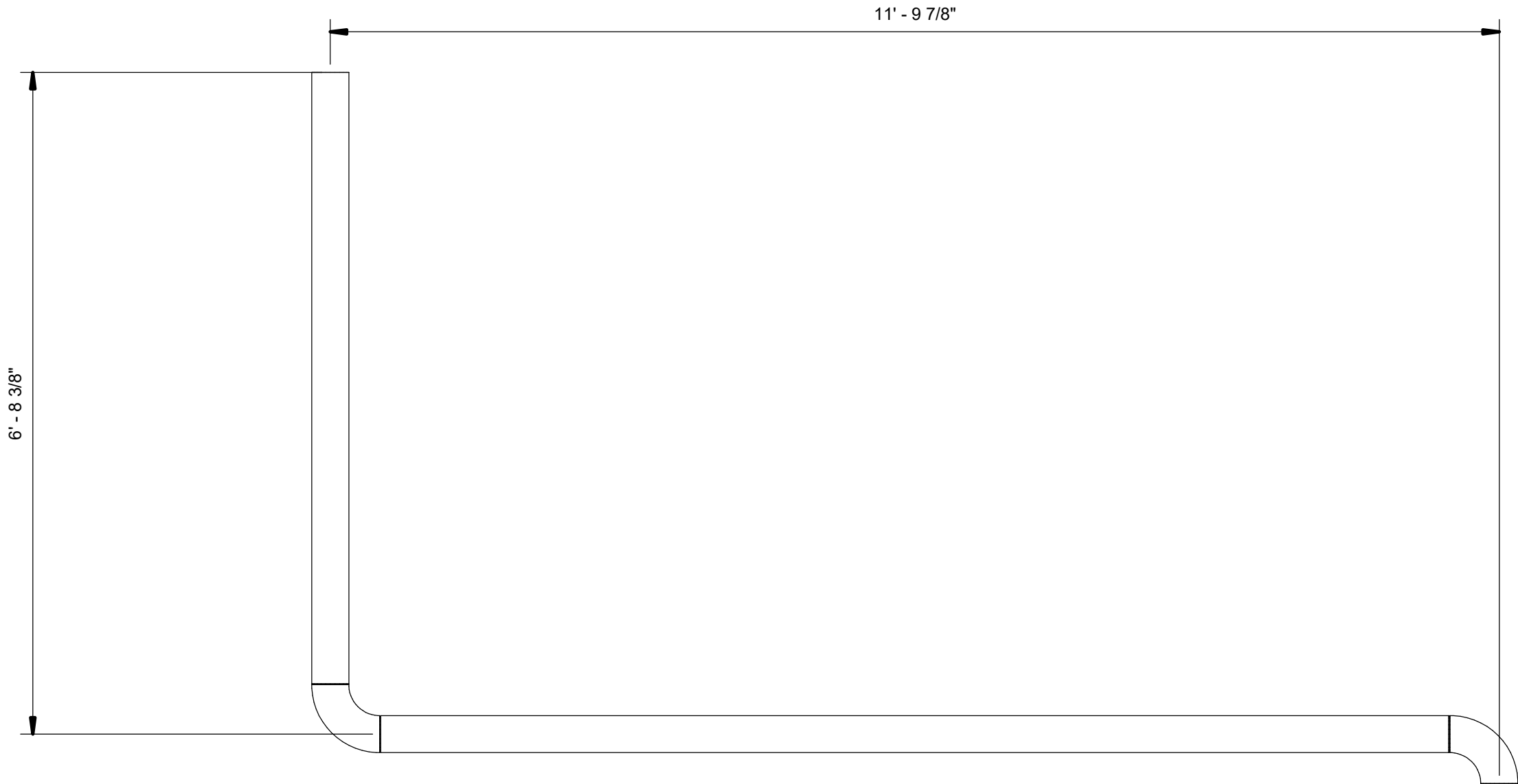
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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
7/23/2021 9:03:34 AM

Mark	Qty	Size	Description	Length	Insulation	End Prep
01	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	6'-2 1/4"	1"	BVL X BVL
02	1	4"	Chicago Area Sch 40 SA-53B CS Smls Pipe PE	10'-9 5/8"	1"	BVL X BVL
03	2	4"	Weldbend Std Wt SA234 WPB CS BW LR 90 Deg Ell		1"	



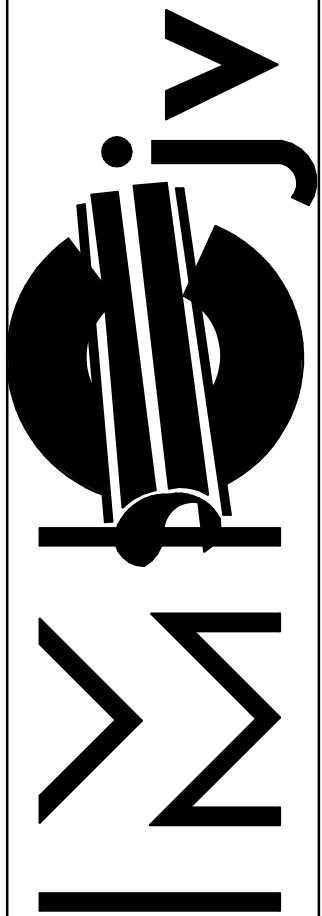
ISOMETRIC



TOP VIEW
3/4\" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	V-L00-052B
Drawn By: Author	
DATE: 07/22/21	DATE REQ:



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