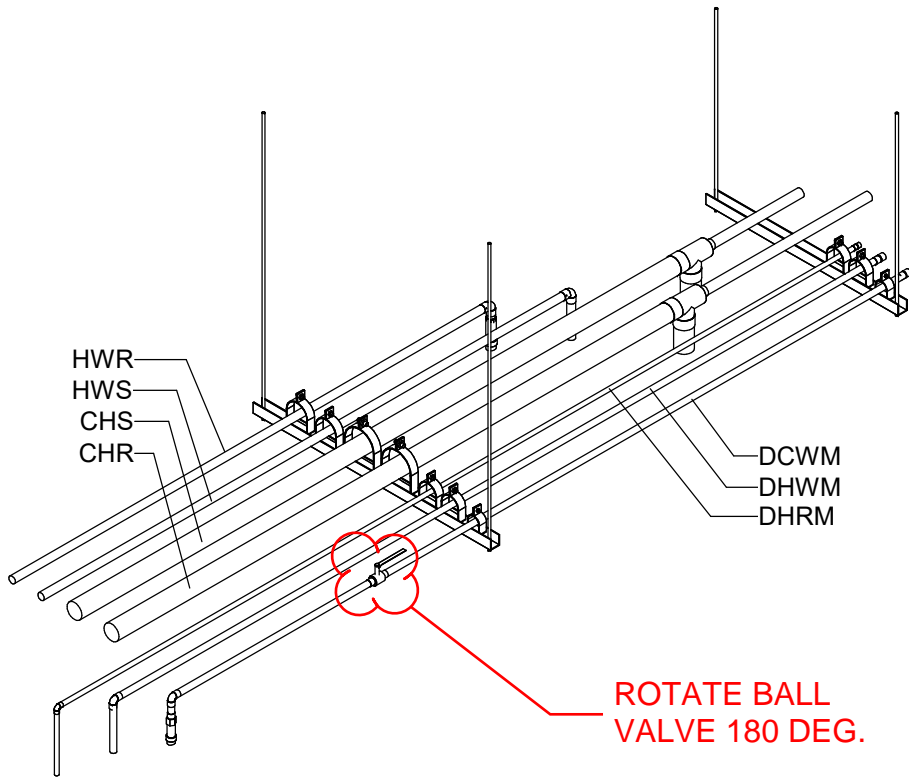
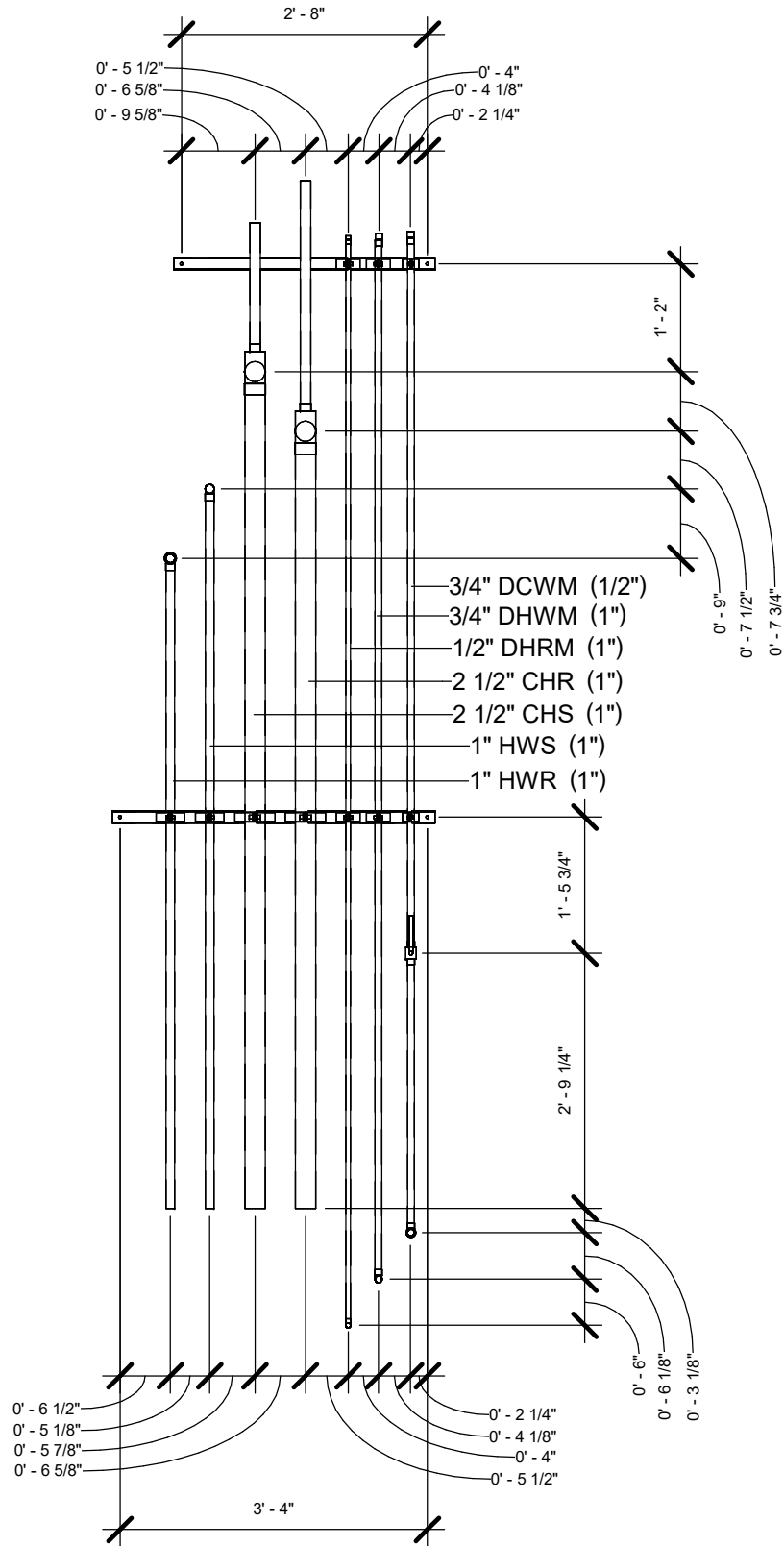


BIM 360/WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
9/27/2021 2:08:43 PM



2 AS-L03-112 - ISOMETRIC
AS-L03-112 SCALE:



1 AS-L03-112
AS-L03-112 SCALE: 1/2" = 1'-0"

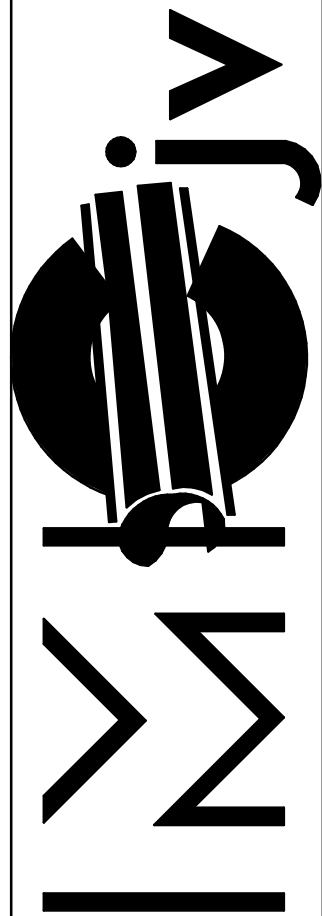
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: AS-L03-112

Drawn By: Author

DATE REQ: 09/21/21

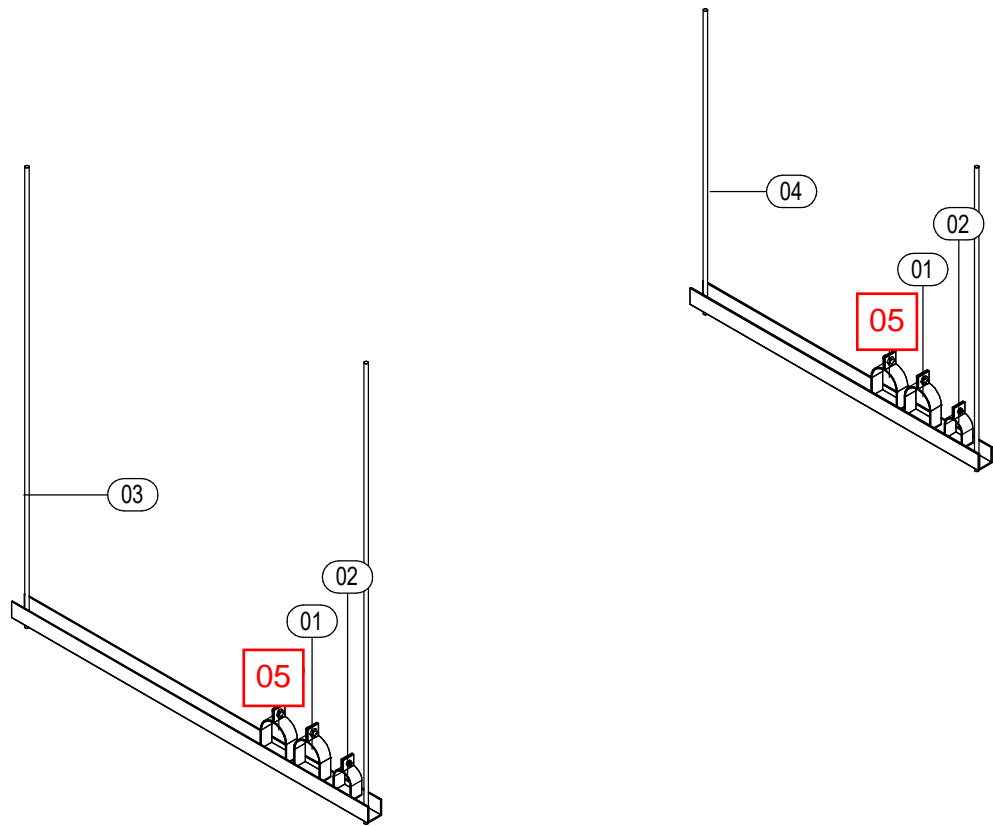


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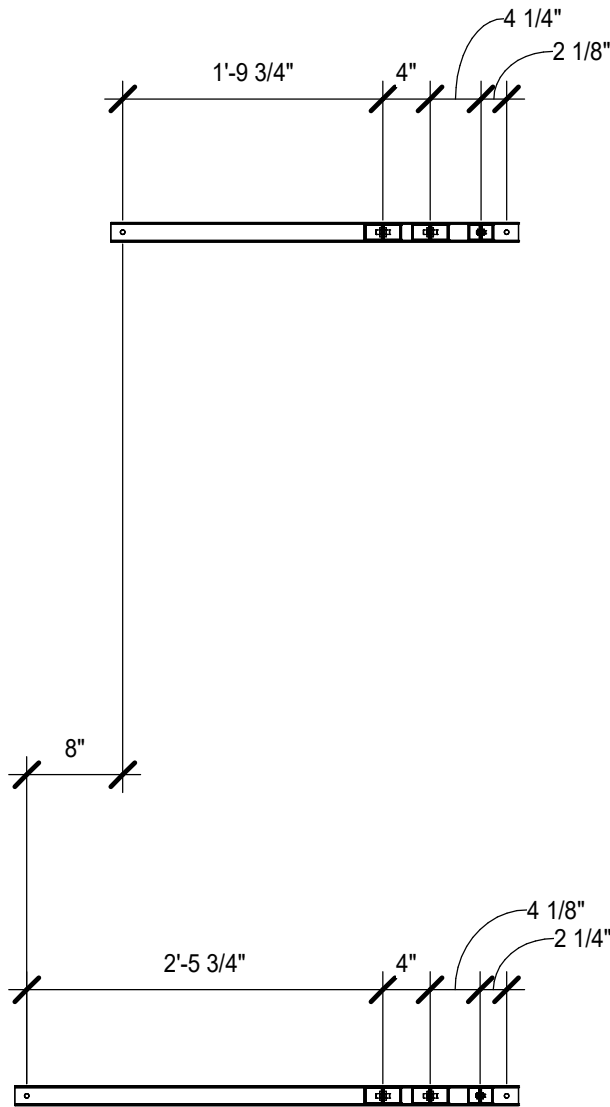
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1/12/2022 2:07:19 PM

Mark	Qty	Size	Description	ROD 1	ROD 2	Strut Width
01	1	2-5"	B-Line B2000 ZN Gal 10 Pipe Clamp Pressure Pipe		0"	
02	2	1-5"	B-Line B2000 ZN Gal 10 Pipe Clamp Pressure Pipe		0"	
03	1	38"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut Pressure Pipe	3'-11"	3'-11"	3'-6"
04	1	30"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut Pressure Pipe	2'-7"	2'-7"	2'-10"

01	2	2 7/8"	B-LINE #2014
02	2	1 7/8"	B-LINE #2012
05	2	2 5/8"	B-LINE #2042



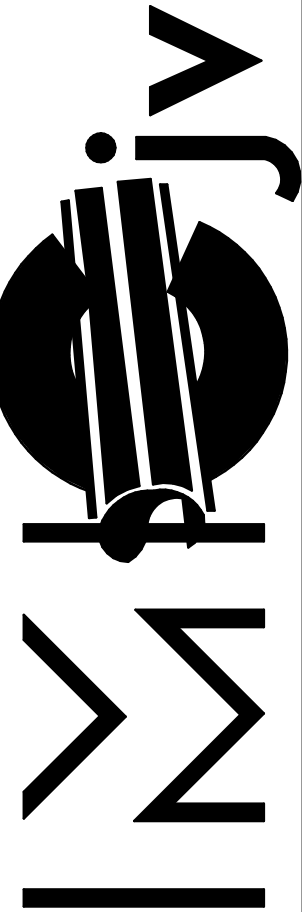
1 ISOMETRIC



2 Elevation Top
SCALE: 3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

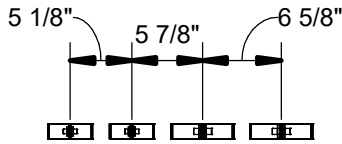
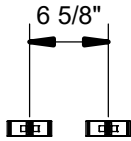
JOB:	WASH U NRB
TICKET:	PPHGR-L03-112
Drawn By: Author	
DATE: 01/12/22	DATE REQ:



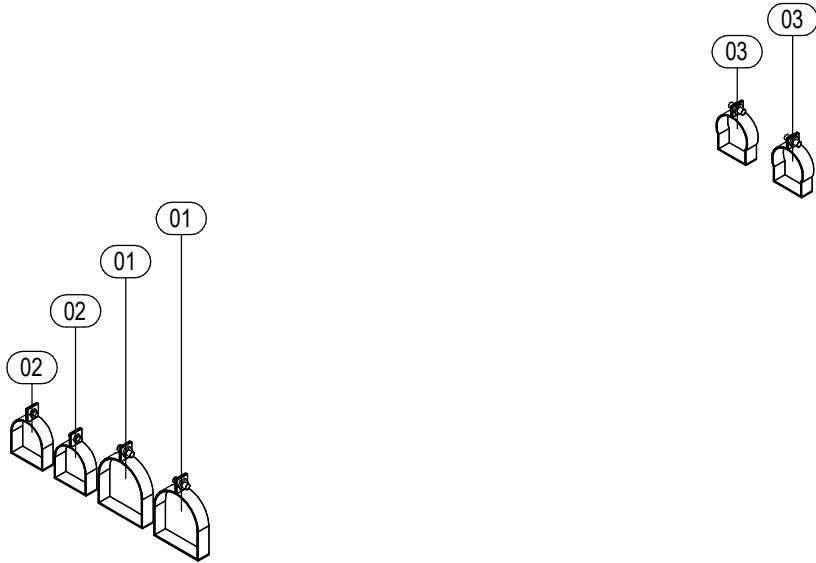
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1/13/2022 3:10:15 PM

Mark	Qty	Size	Description	ROD 1	ROD 2	Strut Width
01	2	4.5"	B-Line B2000 ZN Sch 40 Pipe Clamp			
02	2	3"	B-Line B2000 ZN Sch 40 Pipe Clamp			
03	2	3.13"	B-Line B2000 Series - OD Pipe and Conduit			



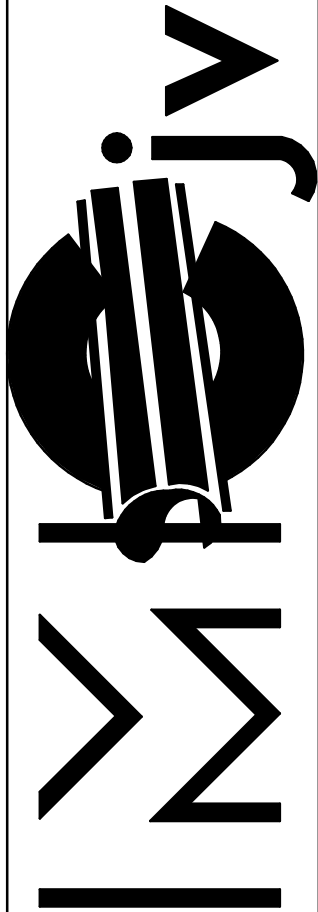
Elevation Top
3/4" = 1'-0"



1 ISOMETRIC

A1	A3	B1	B3
A2	A4	B2	B4

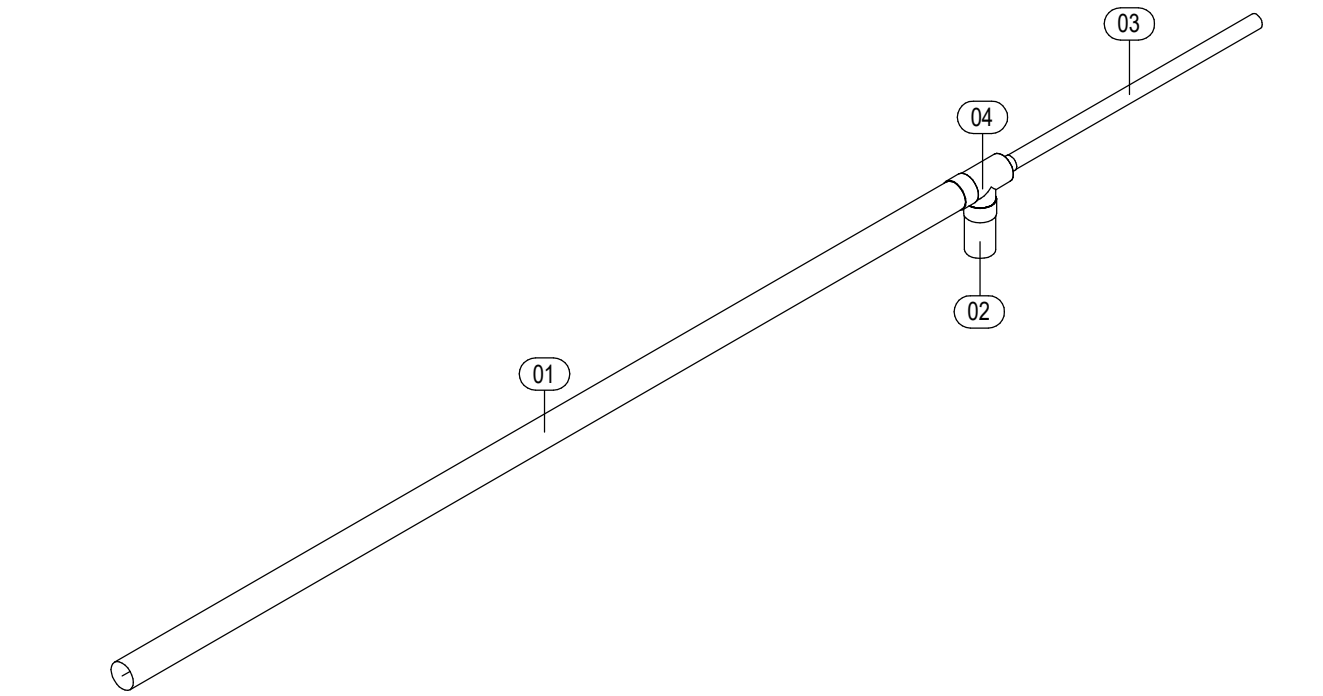
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TICKET: HPHGR-L03-112
Drawn By: Author
DATE: 01/13/22 DATE REQ:



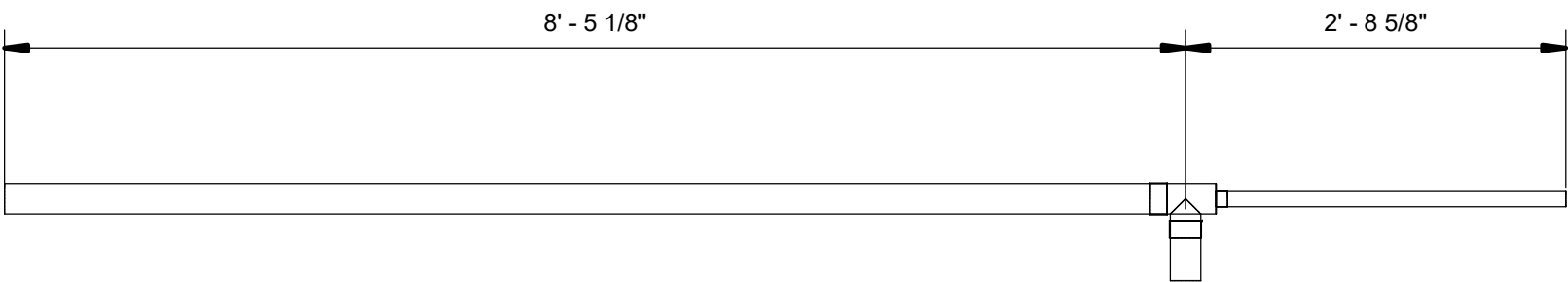
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Mark	Qty	Size	Description	Length	Insulation
01	1	2 1/2"	Cerro Type K Hard Copper Pipe	8'-3 5/8"	1"
02	1	2 1/2"	Cerro Type K Hard Copper Pipe	0'-5 1/8"	1"
03	1	1 1/4"	Cerro Type K Hard Copper Pipe	2'-6"	1"
04	1	2 1/2"x1 1/4"x2 1/2"	Nibco Wrot 611R CxCxC Reducing Tee		1"



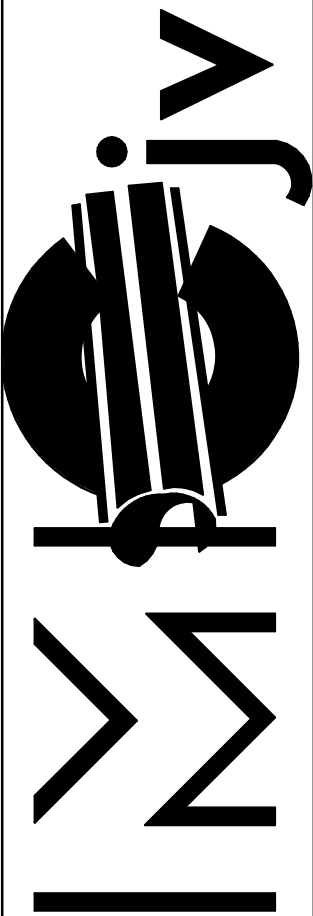
1 ISOMETRIC



Elevation Right
3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

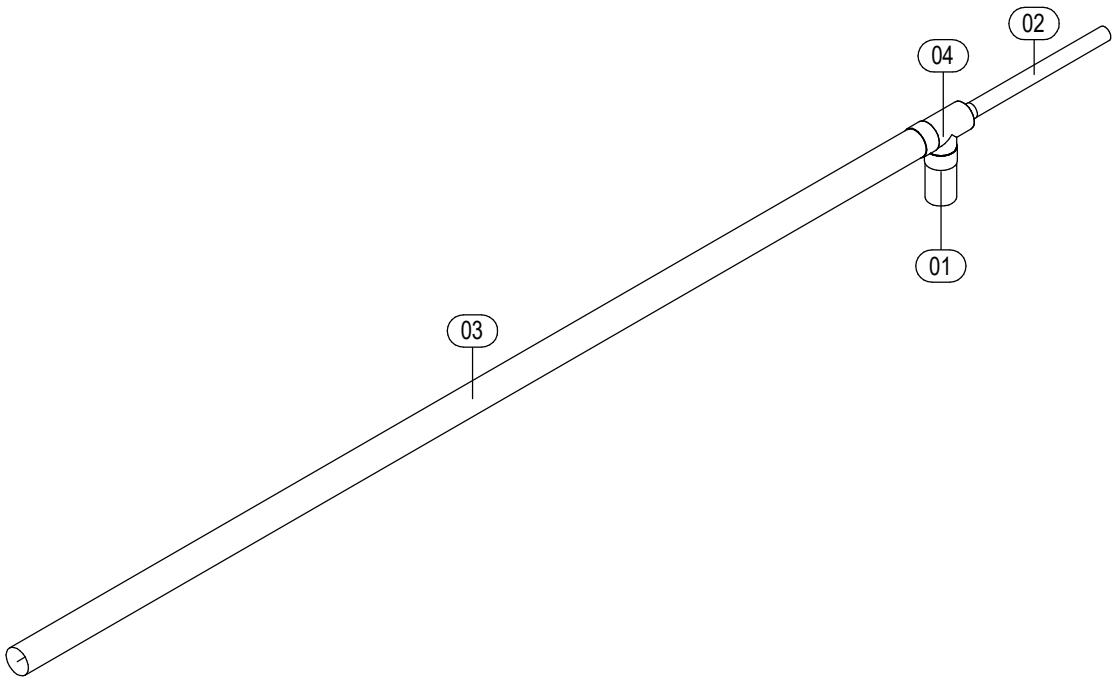
JOB:	210140 - WASH U NRB
TICKET:	CWR-L03-112
Drawn By: Author	
DATE: 01/13/22	DATE REQ:



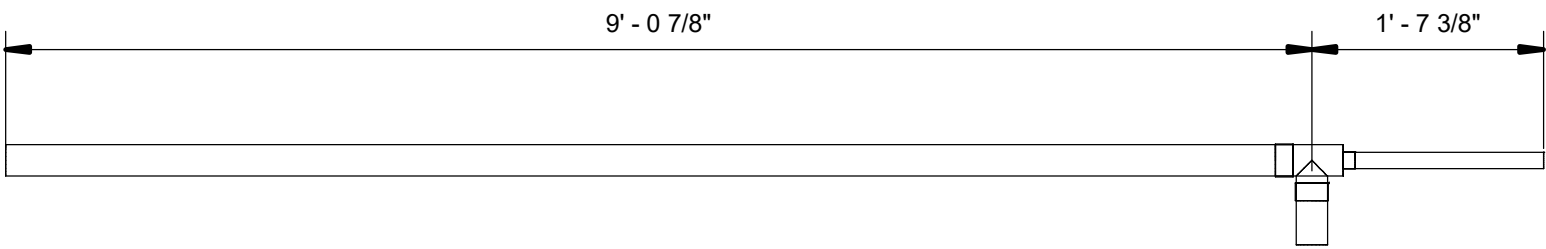
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1/13/2022 3:10:08 PM

Mark	Qty	Size	Description	Length	Insulation
01	1	2 1/2"	Cerro Type K Hard Copper Pipe	0'-5 1/8"	1"
02	1	1 1/4"	Cerro Type K Hard Copper Pipe	1'-4 3/4"	1"
03	1	2 1/2"	Cerro Type K Hard Copper Pipe	8'-11 3/8"	1"
04	1	2 1/2"x1 1/4"x2 1/2"	Nibco Wrot 611R CxCxC Reducing Tee		1"



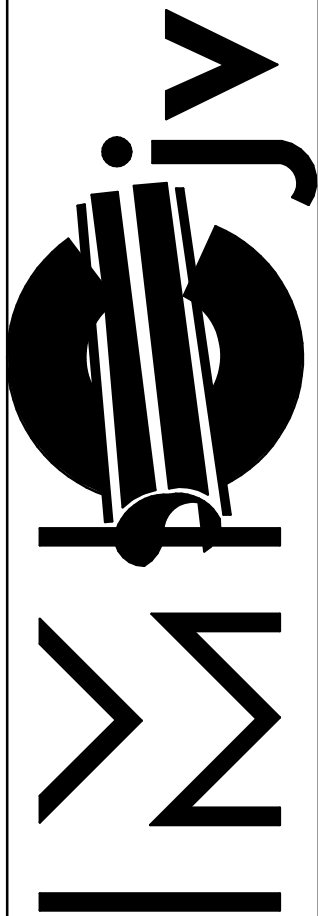
1 ISOMETRIC



Elevation Right
3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

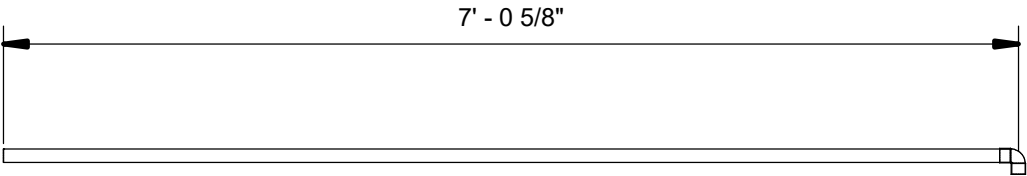
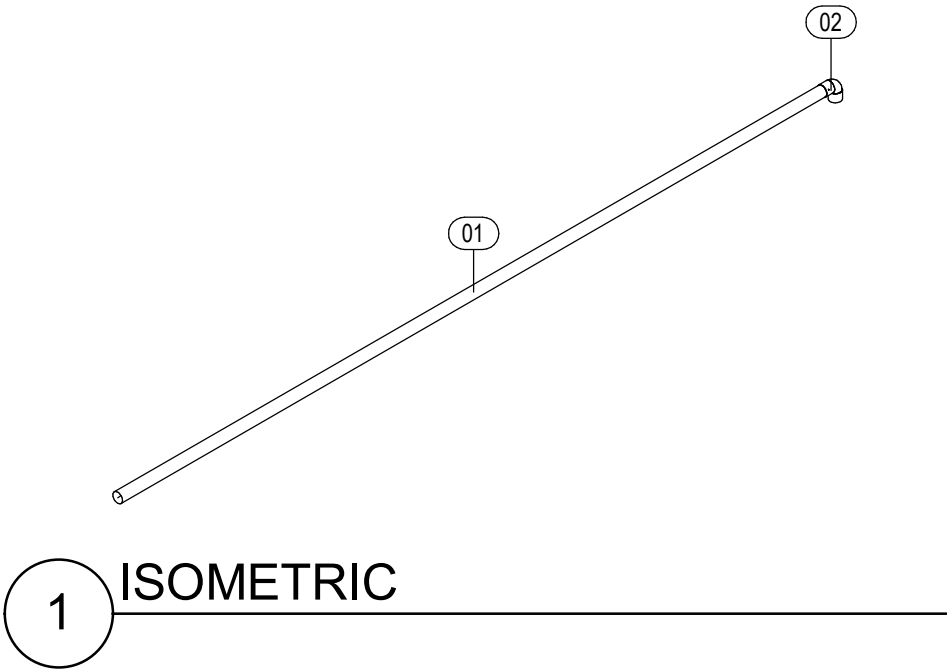
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TICKET:	CWS-L03-112
Drawn By: Author	
DATE: 01/13/22	DATE REQ:



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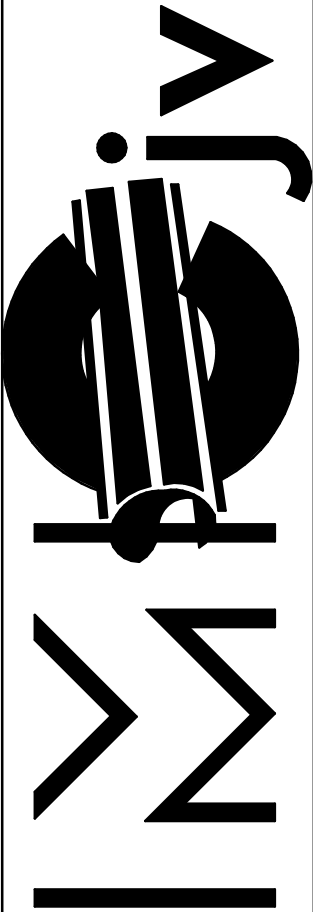
Mark	Qty	Size	Description	Length	Insulation
01	1	1"	Cerro Type K Hard Copper Pipe	7'-0"	1"
02	1	1"	Nibco Wrot 607 90 Deg Ell CxC		1"



Elevation Right
3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

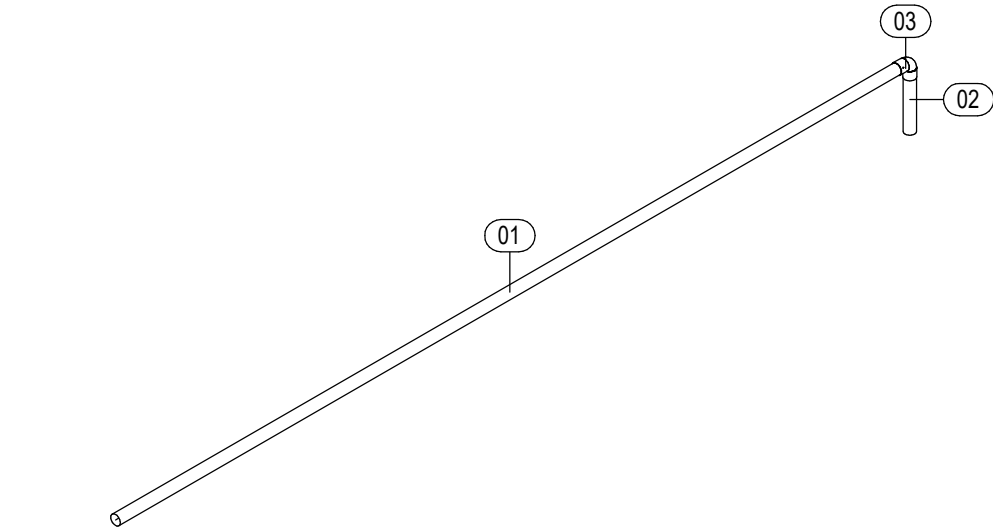
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TICKET:	HWR-L03-112
Drawn By: Author	
DATE: 01/13/22	DATE REQ:



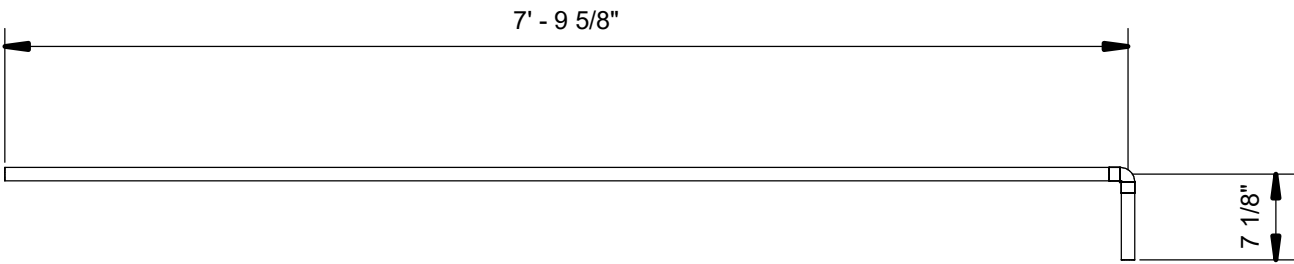
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Mark	Qty	Size	Description	Length	Insulation
01	1	1"	Cerro Type K Hard Copper Pipe	7'-9"	1"
02	1	1"	Cerro Type K Hard Copper Pipe	0'-6 1/2"	1"
03	1	1"	Nibco Wrot 607 90 Deg Ell CxC		1"



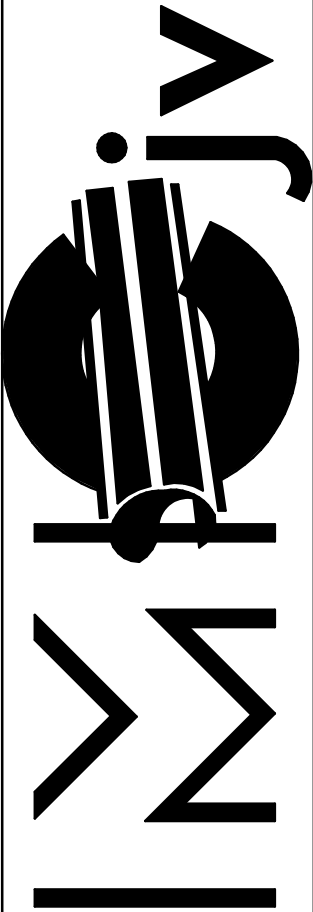
1 ISOMETRIC



Elevation Right
3/4" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

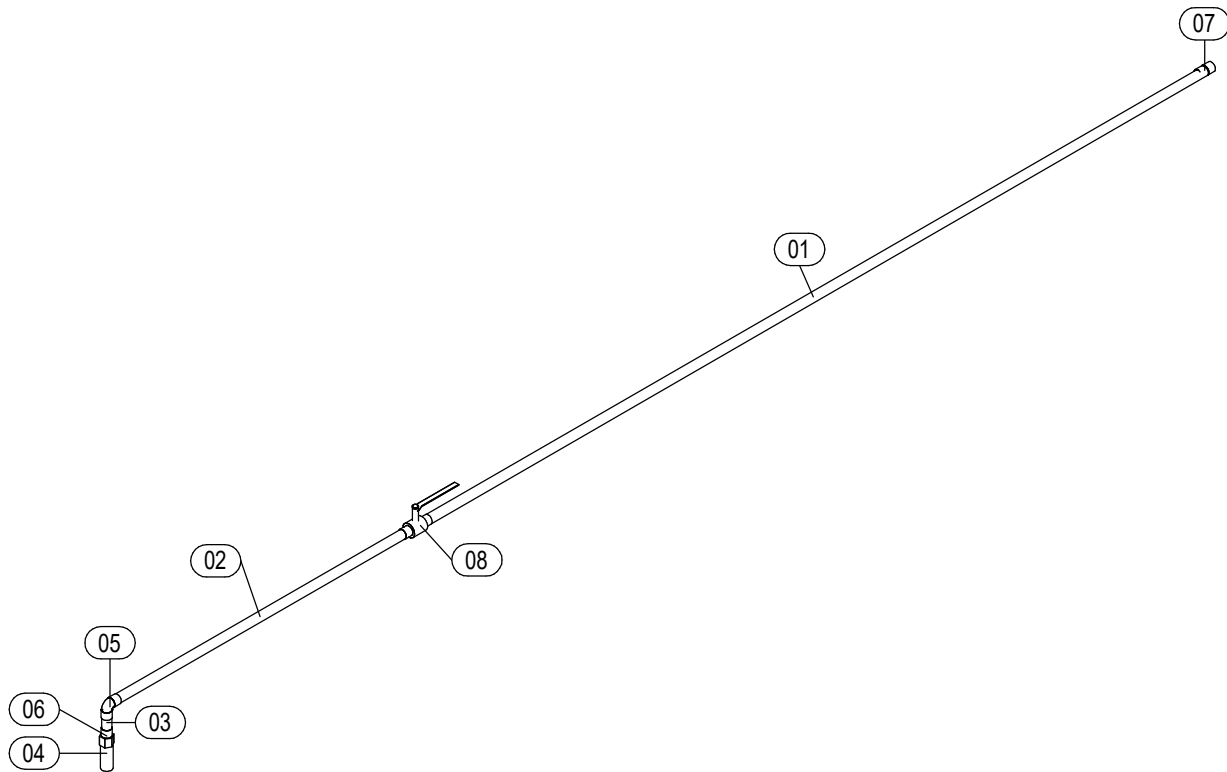
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TICKET:	HWS-L03-112
Drawn By: Author	
DATE: 01/13/22	DATE REQ:



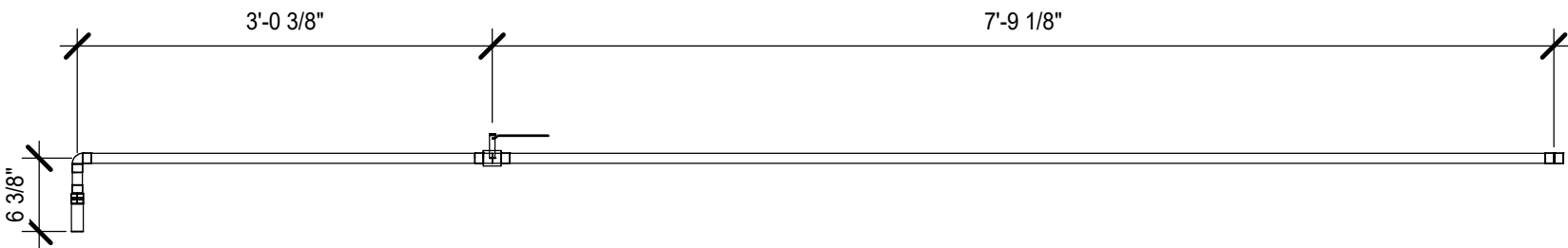
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Mark	Qty	Size	Description	Length	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	7'-8 1/4"	1/2"
02	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	2'-11 1/8"	1/2"
03	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	0'-2 5/8"	1/2"
04	1	3/4"	Victaulic No.647 TT Dielectric Transition Fitting Pressure Pipe		1/2"
05	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC Pressure Pipe		1/2"
06	1	3/4"	Nibco Wrot 603 Adapter CxF Pressure Pipe		1/2"
07	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC Pressure Pipe		1/2"
08	1	3/4"	Apollo 77CLF-140 LF-Brz 2pc FP SS-B&S Ball Valve Swt Pressure Pipe		1/2"



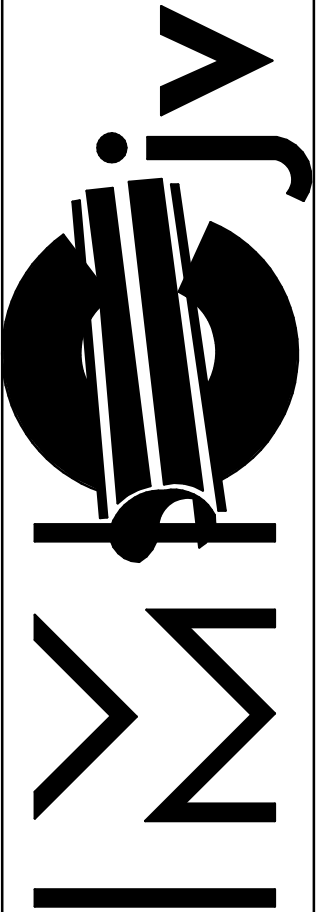
1 ISOMETRIC



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

A1	A3	B1	B3
A2	A4	B2	B4

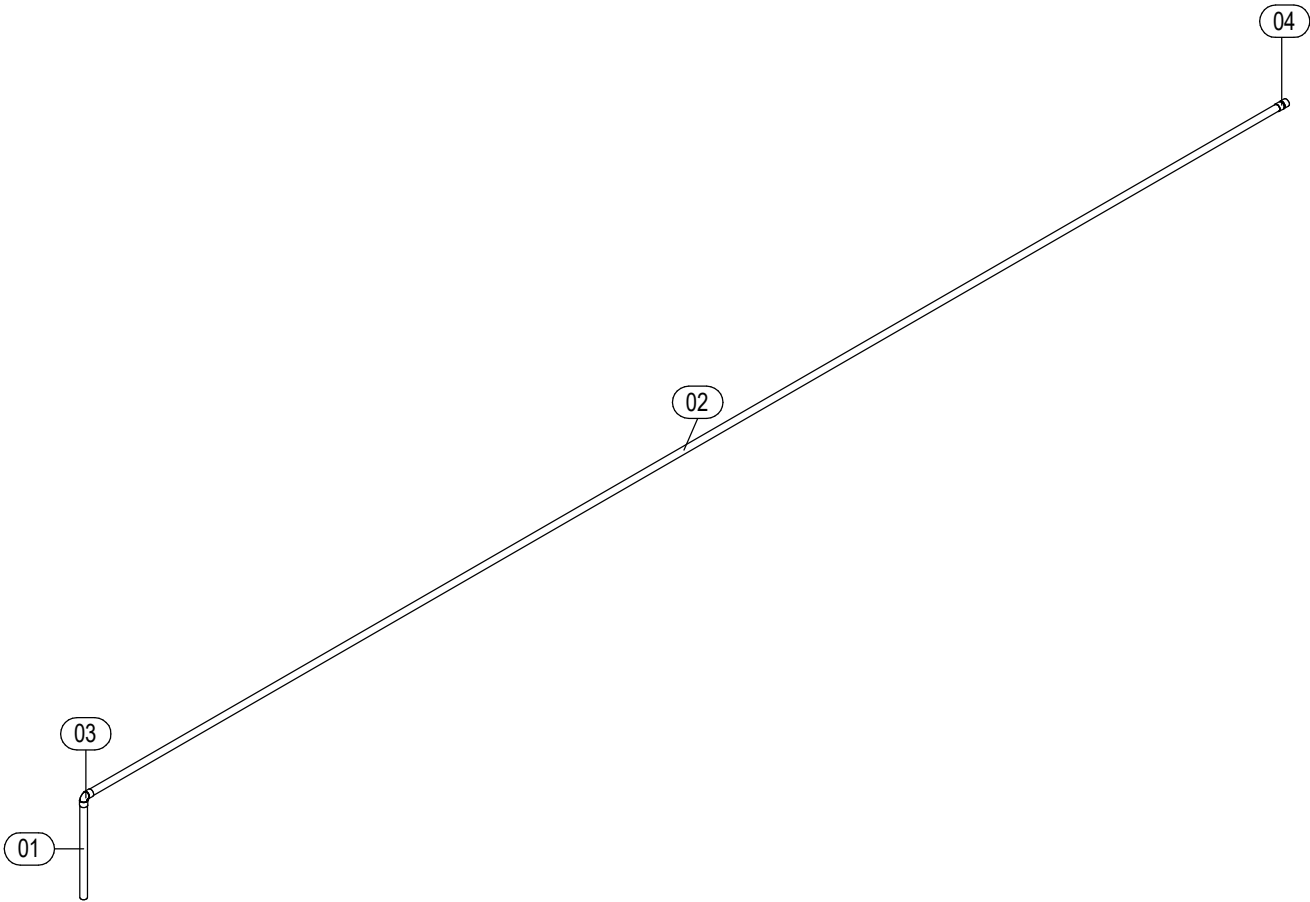
JOB:	WASH U NRB
TICKET:	DCWM-L03-112
Drawn By: Author	
DATE: 01/12/22	DATE REQ:



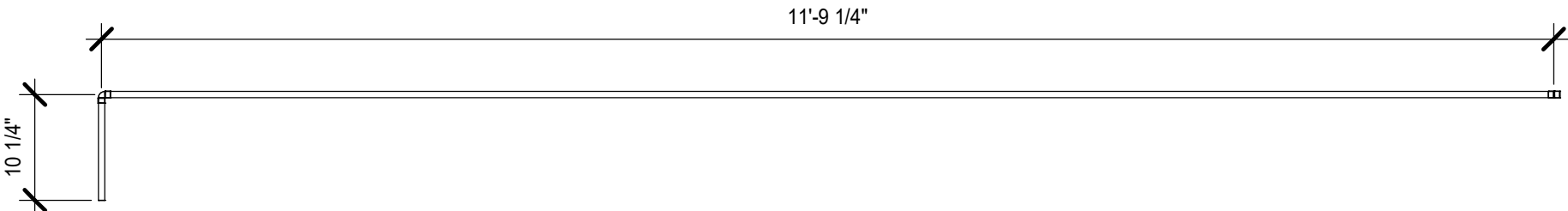
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1/12/2022 2:07:06 PM

Mark	Qty	Size	Description	Length	Insulation
01	1	1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	0'-9 7/8"	1"
02	1	1/2"	Cerro Type L Hard Copper Pipe Pressure Pipe	11'-8 7/8"	1"
03	1	1/2"	Nibco Wrot 607 90 Deg Ell CxC Pressure Pipe		1"
04	1	1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC Pressure Pipe		1"



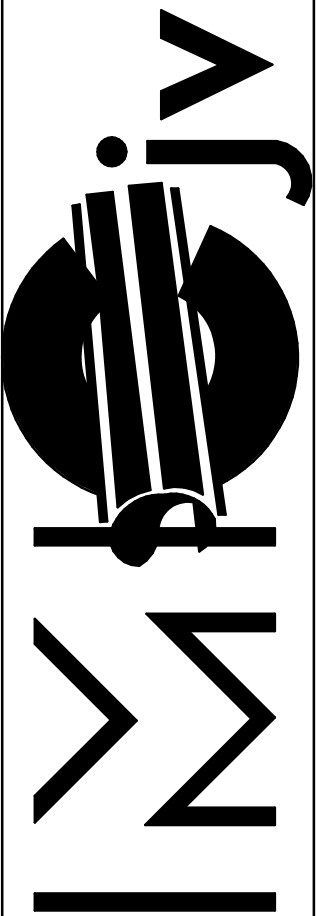
1 ISOMETRIC



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

A1	A3	B1	B3
A2	A4	B2	B4

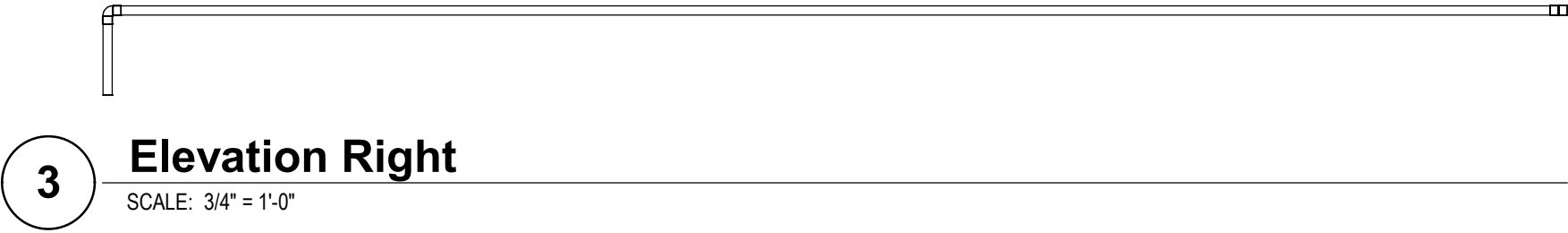
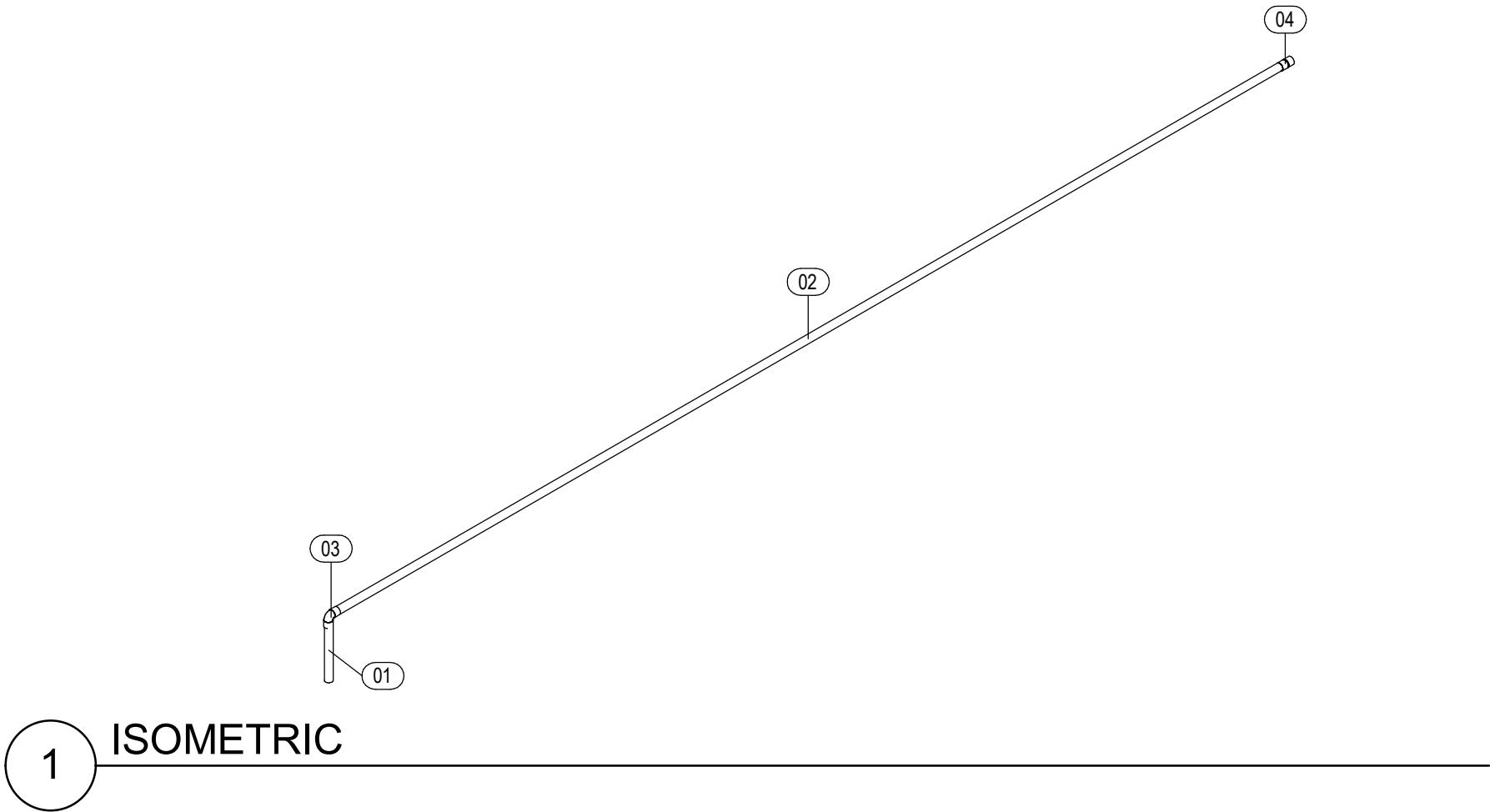
JOB:	WASH U NRB
TICKET:	DHRM-L03-112
Drawn By: Author	
DATE: 01/12/22	DATE REQ:



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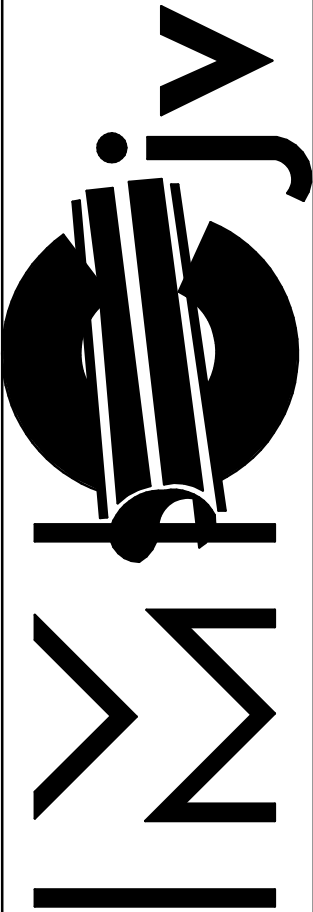
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Mark	Qty	Size	Description	Length	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	0'-7 3/8"	1"
02	1	3/4"	Cerro Type L Hard Copper Pipe Pressure Pipe	11'-2 3/4"	1"
03	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC Pressure Pipe		1"
04	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC Pressure Pipe		1"



A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	DHWM-L03-112
Drawn By: Author	
DATE: 01/12/22	DATE REQ:



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