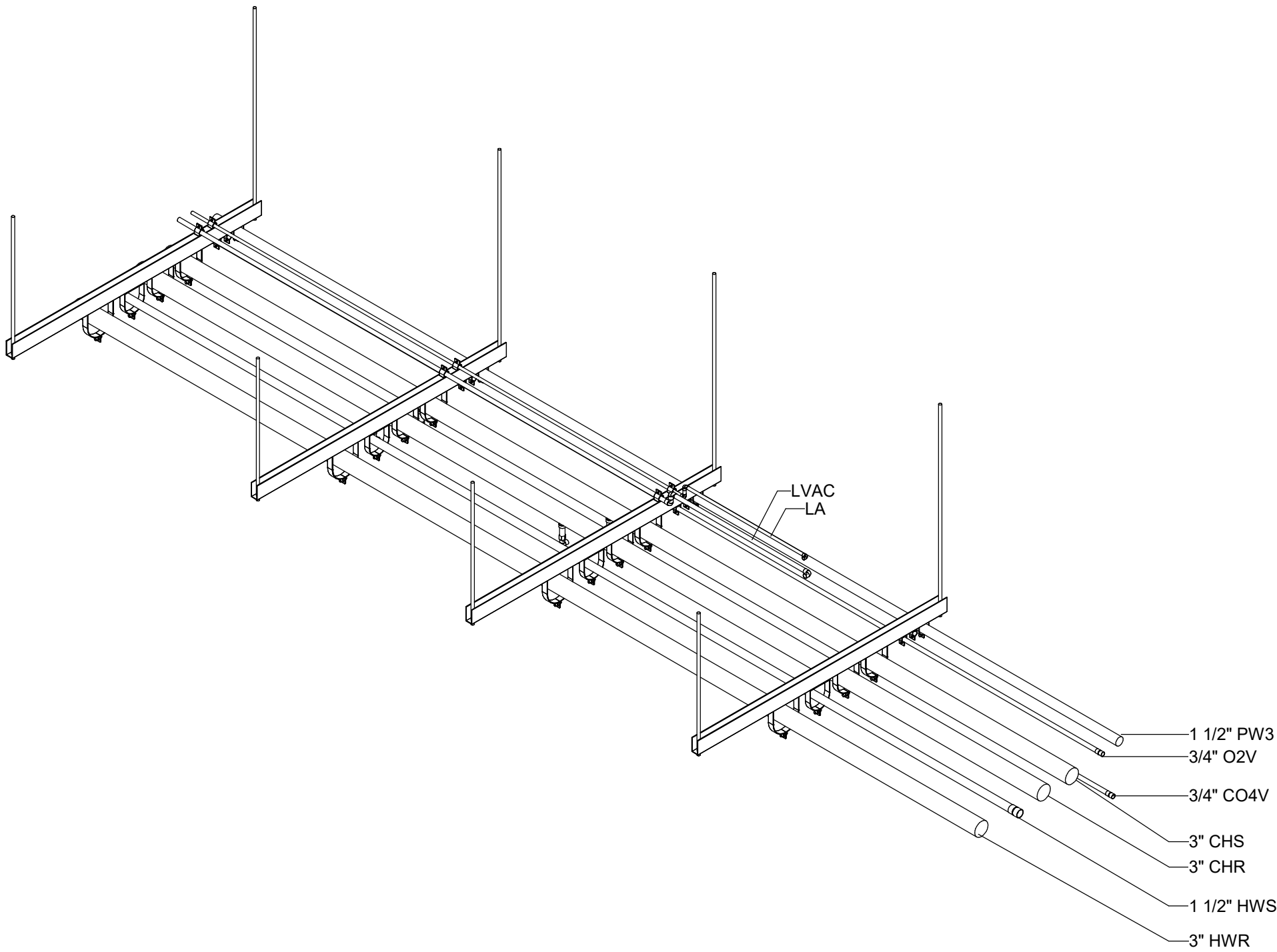
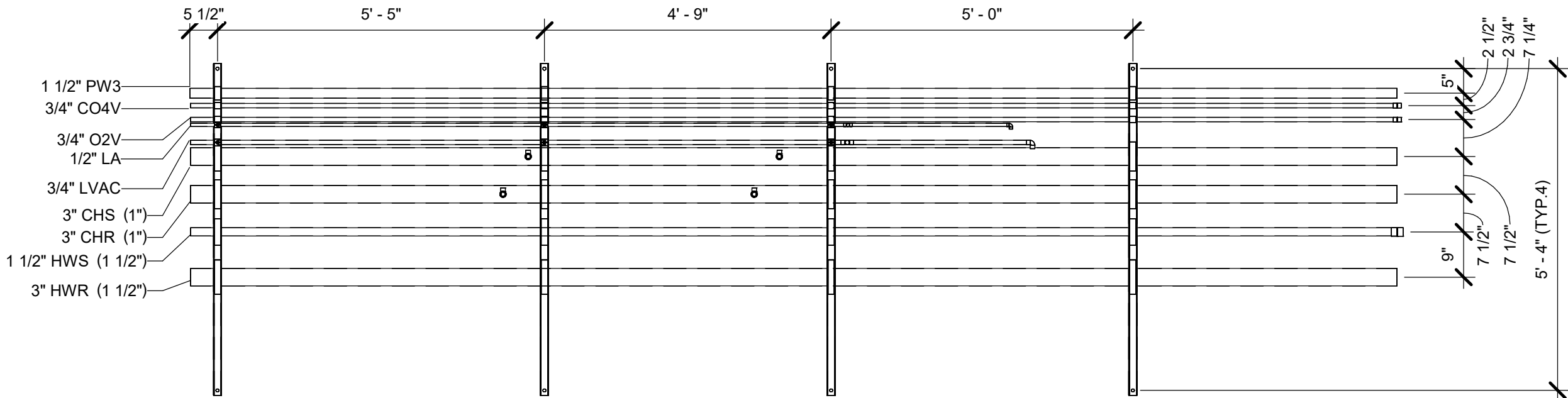


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12/15/2021 12:27:09 PM



1 AS-L07-019 - ISOMETRIC
AS-L07-019 SCALE:



2 AS-L07-019
AS-L07-019 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4



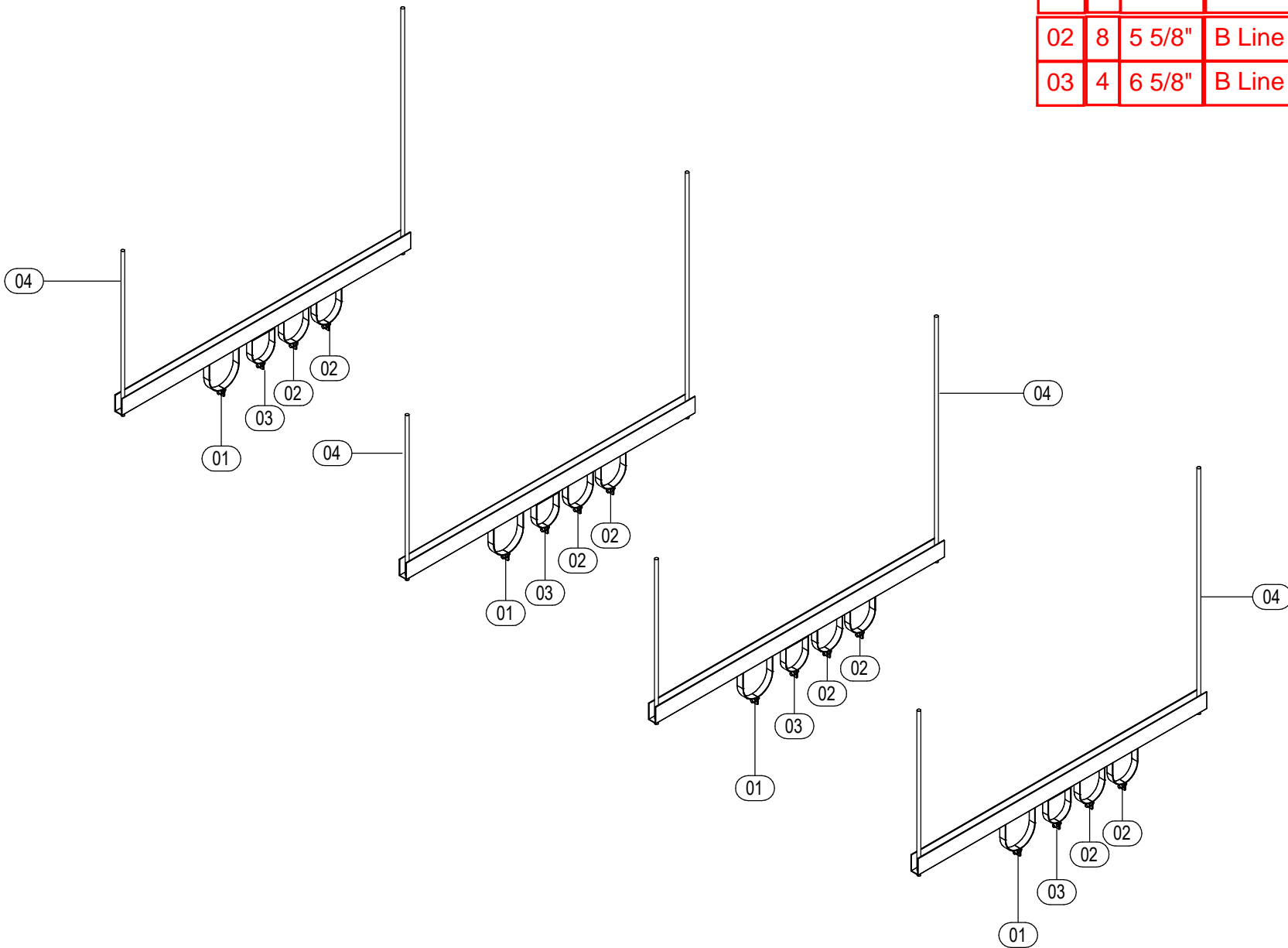
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

JOB: WASH U NRB
TICKET: AS-L07-019
Drawn By: Author
DATE: 11/19/21
DATE REQ:

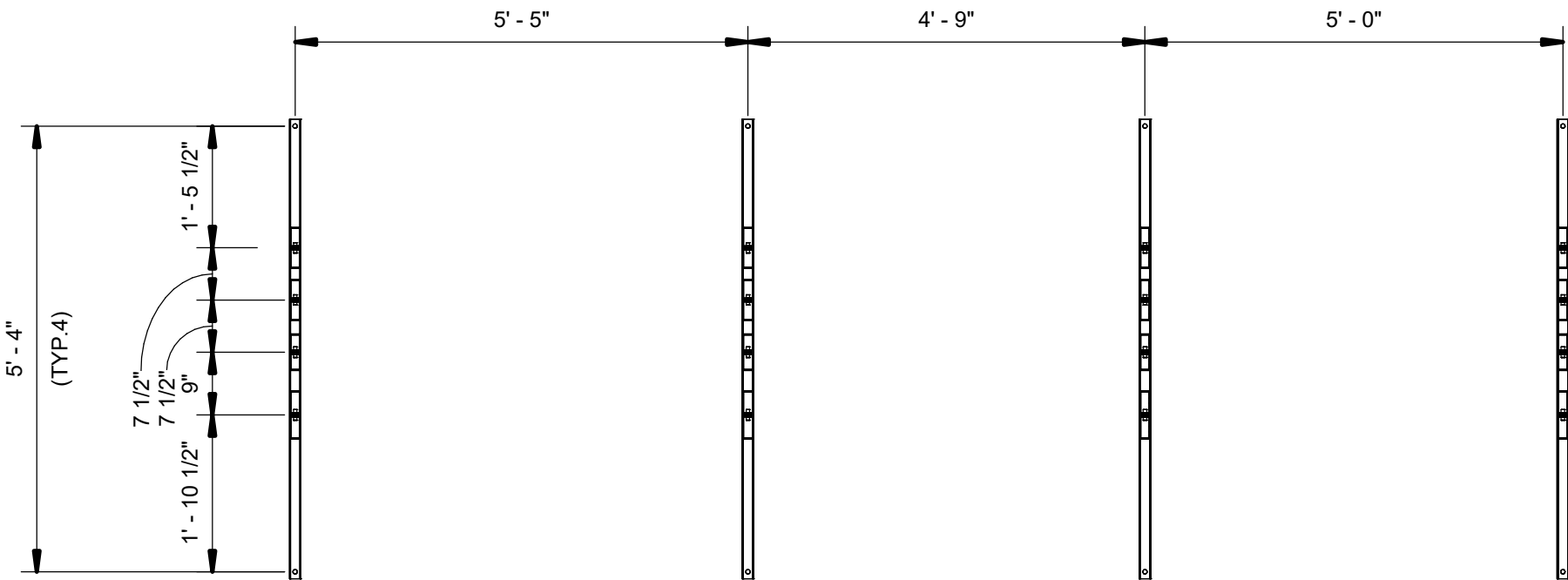
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12/1/2021 3:19:36 PM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	4	6"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"		0"	
02	8	5"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"		0"	
03	4	4.5"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"		0"	
04	4	62"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		5' - 6"	2' - 8 5/8"	4' - 0 5/8"	

01	4	4 5/8"	B Line #2058
02	8	5 5/8"	B Line #2066
03	4	6 5/8"	B Line #2020



1 ISOMETRIC
SCALE:



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

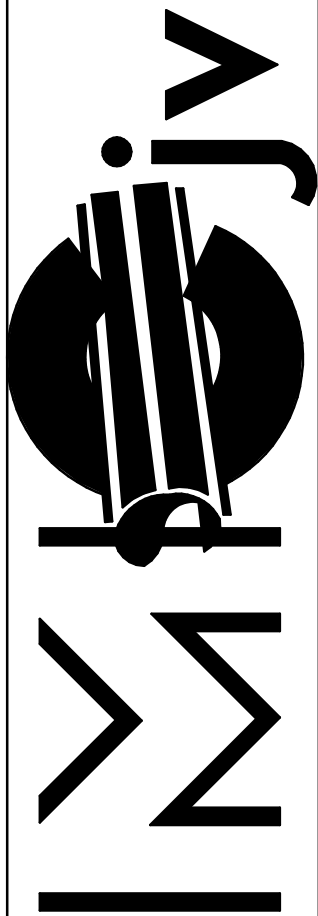
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: HPHGR-L07-019

Drawn By: Author

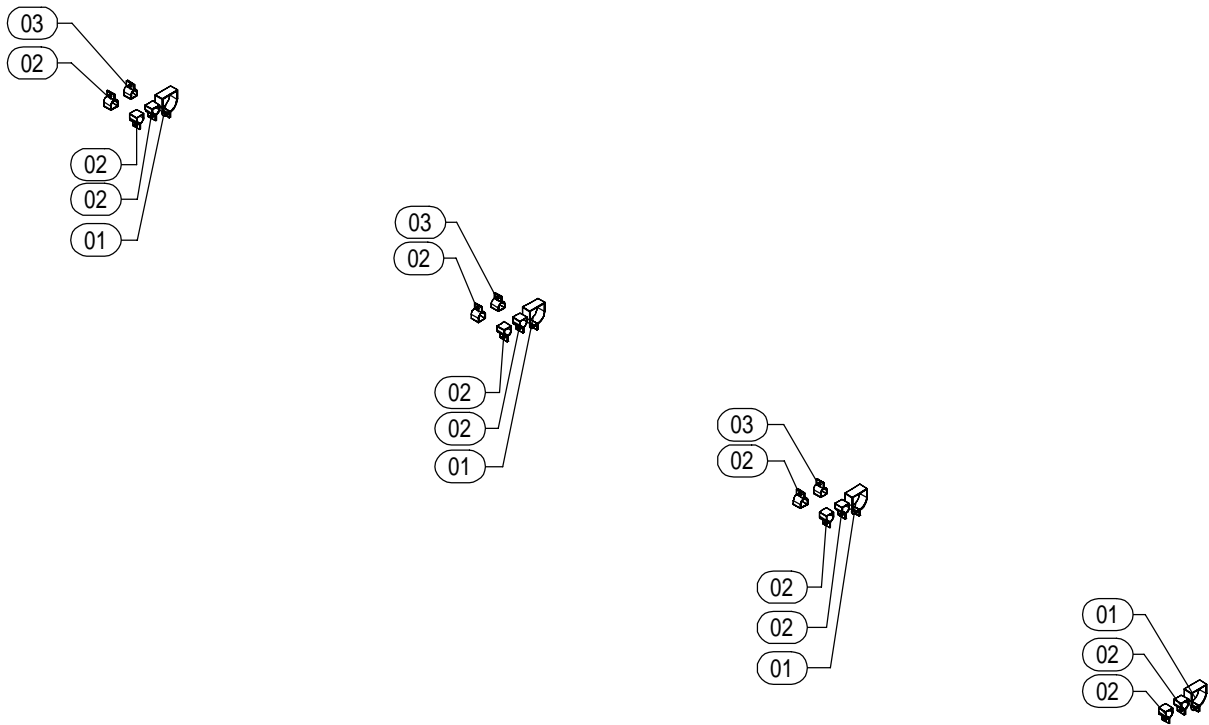
DATE REQ: 11/22/21



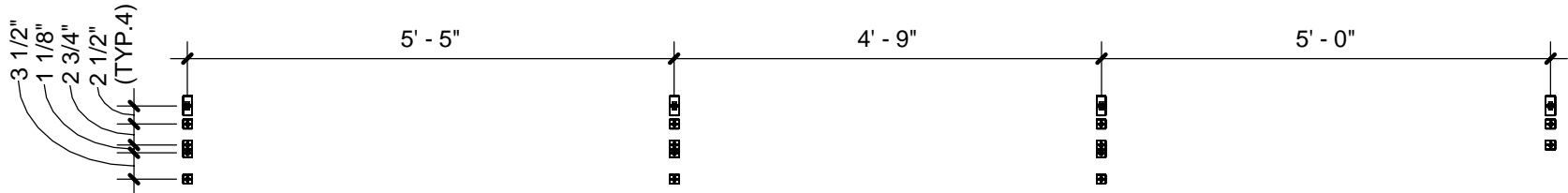
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St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
19-11-2021 01:23:33

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	4	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
02	11	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
03	3	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	



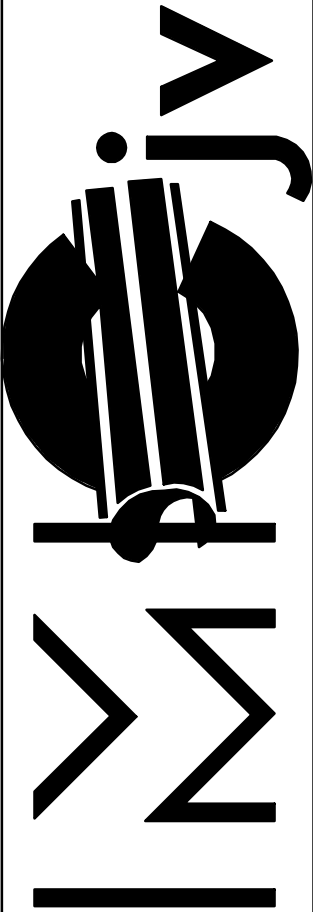
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

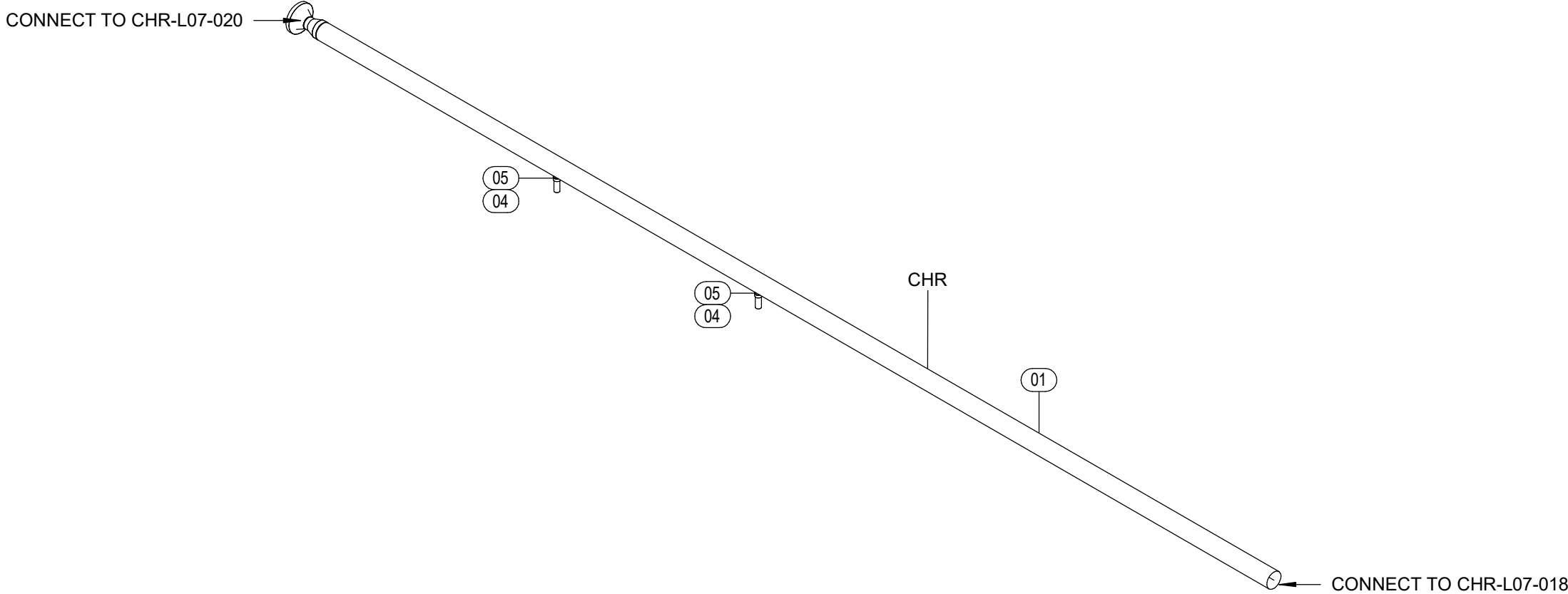
JOB:	WASH U NRB
TICKET:	PUHGR-L07-019
Drawn By: Author	
DATE: 11/19/21	DATE REQ:



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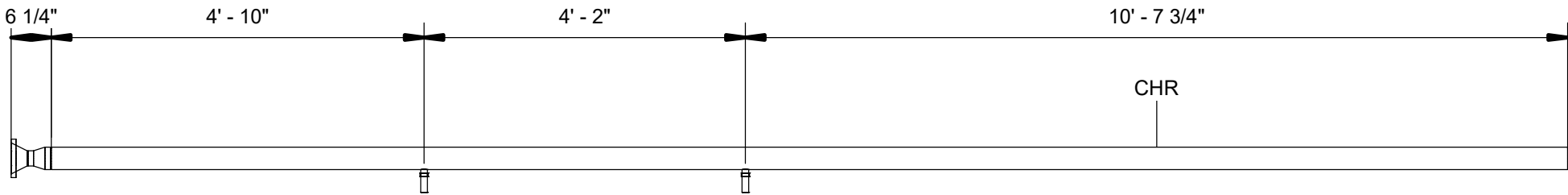
BIM 360://WUSM NRBWUSM_RB_HPF.rvt
2/7/2022 3:49:07 PM

Mark	Qty	Size	Description	Length	Insulation
01	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	19'-7 3/4"	1"
02	1	3"x2"	Weldbend Std Wt SA234 WPB CS BW CONC RED		1"
03	1	2"	Weldbend 150lb RF Sch 40 Bore SA105 CS WN Flg		1"
04	2	3/4"	Victaulic No.647 TT Dielectric Transition Fitting		1"
05	2	3"x3/4"	Anvil 3000# FS Thread-O-Let		1"



1 ISOMETRIC

SCALE:

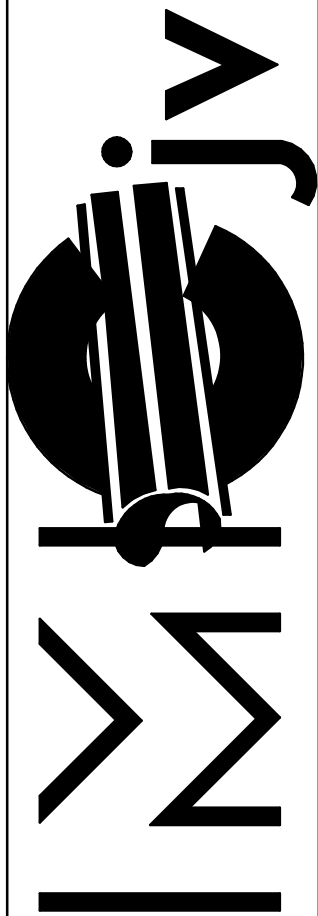


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

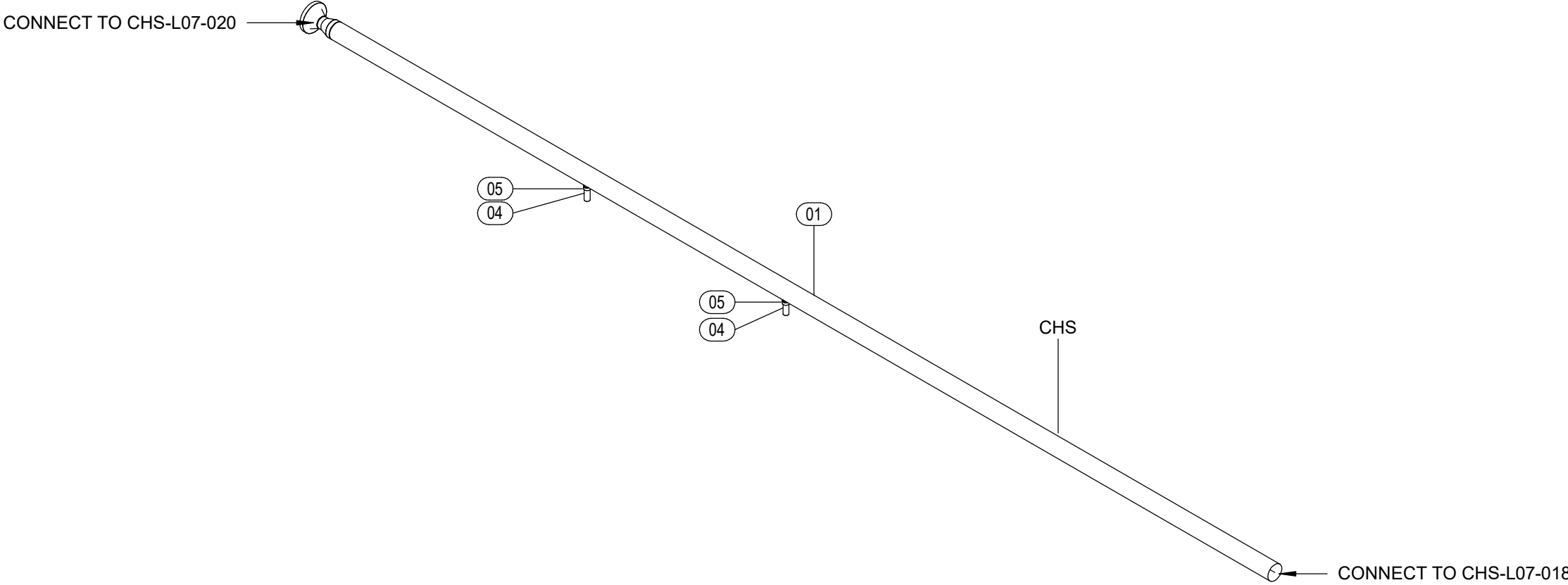
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TICKET: CHR-L07-019
Drawn By: Author
DATE: 12/06/21
DATE REQ:



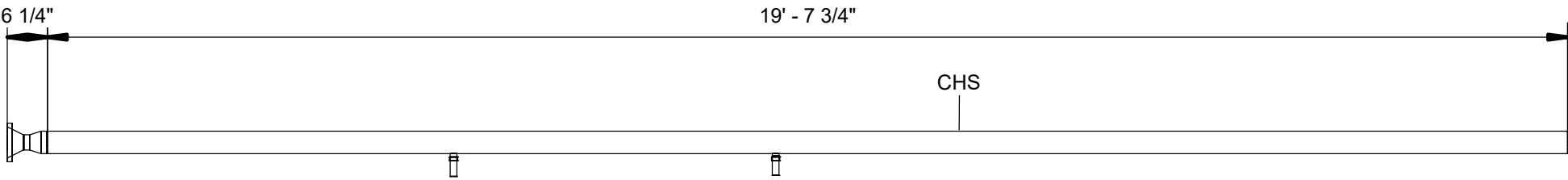
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2/7/2022 3:49:11 PM

Mark	Qty	Size	Description	Length	Insulation
01	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	19'-7 3/4"	1"
02	1	3"x2"	Weldbend Std Wt SA234 WPB CS BW CONC RED		1"
03	1	2"	Weldbend 150lb RF Sch 40 Bore SA105 CS WN Flg		1"
04	2	3/4"	Victaulic No.647 TT Dielectric Transition Fitting		1"
05	2	3"x3/4"	Anvil 3000# FS Thread-O-Let		1"



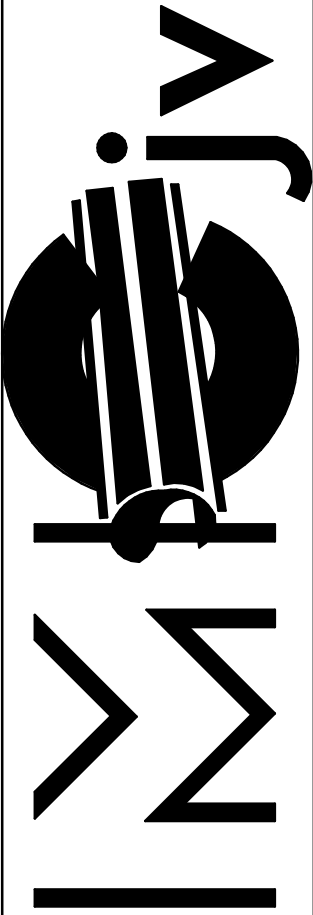
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

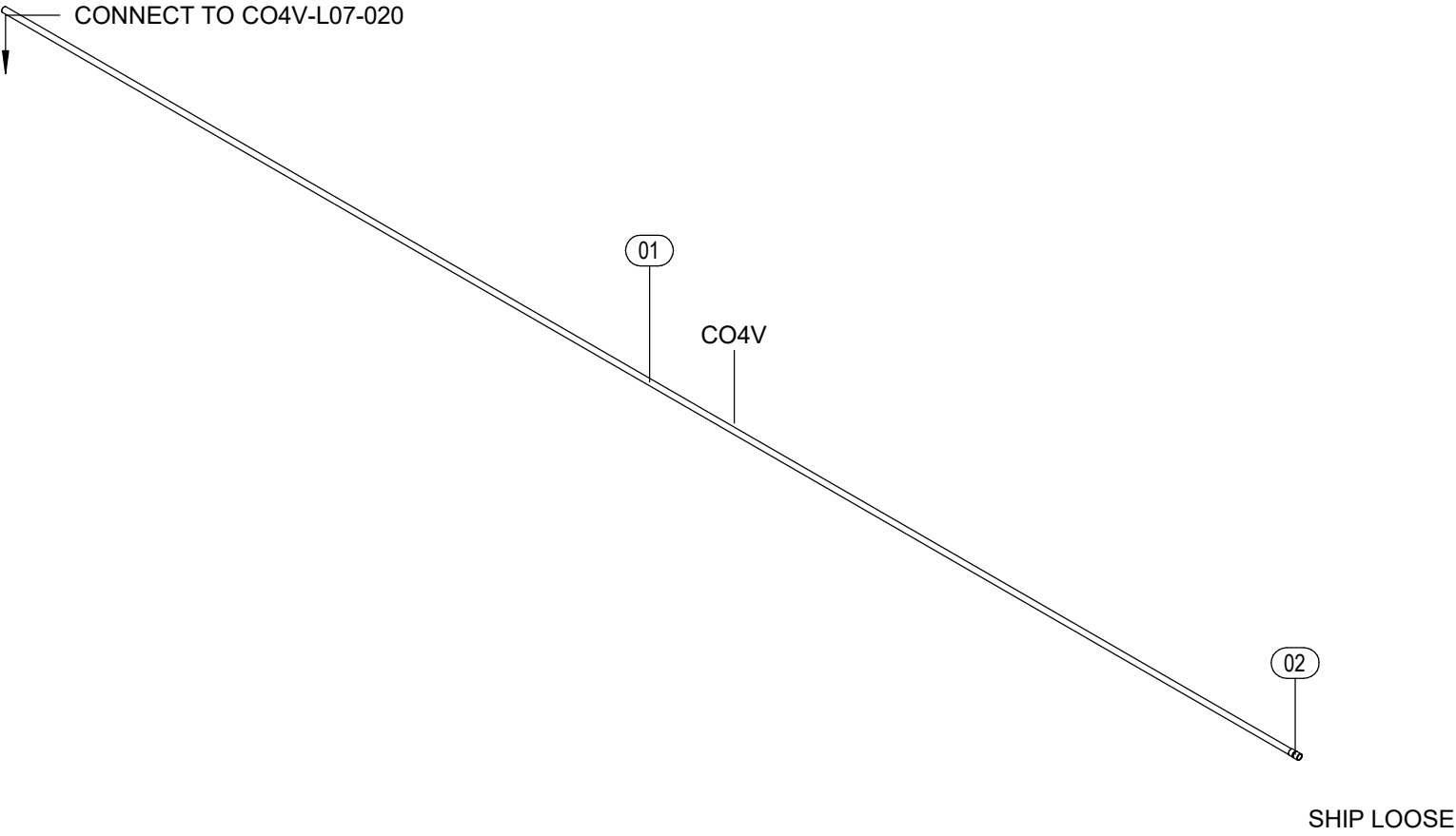
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TICKET:	CHS-L07-019
Drawn By: Author	
DATE: 11/22/21	DATE REQ:



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2/1/2022 2:55:22 PM

Mark	Qty	Size	Description	Length	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	19'-11 7/8"	
02	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		



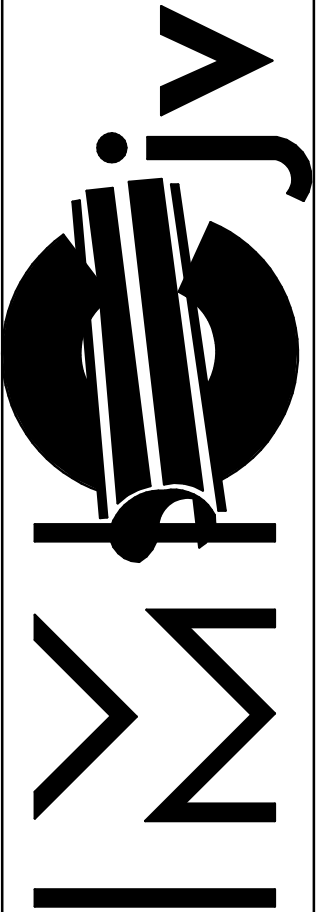
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

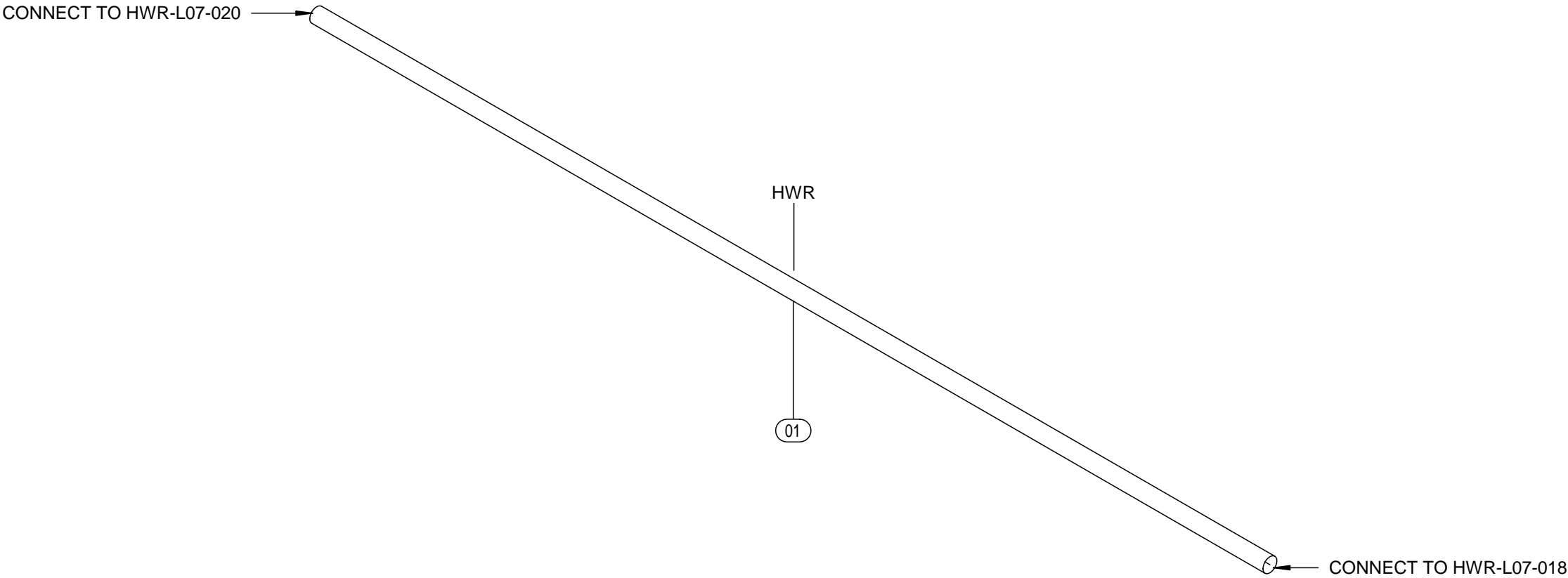
JOB:	WASH U NRB
TICKET:	CO4V-L07-019
Drawn By: Author	
DATE: 11/19/21	DATE REQ:



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BIM 360/WUSM NRBWUSM_RB_HPE.rvt
22-11-2021 11:19:29

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	19'-11 7/8"				1 1/2"

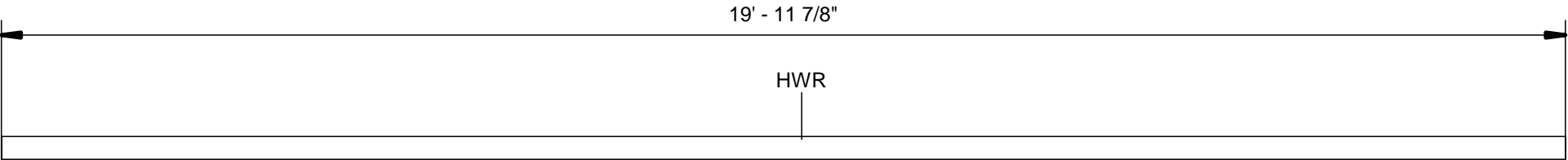


1 ISOMETRIC

SCALE:

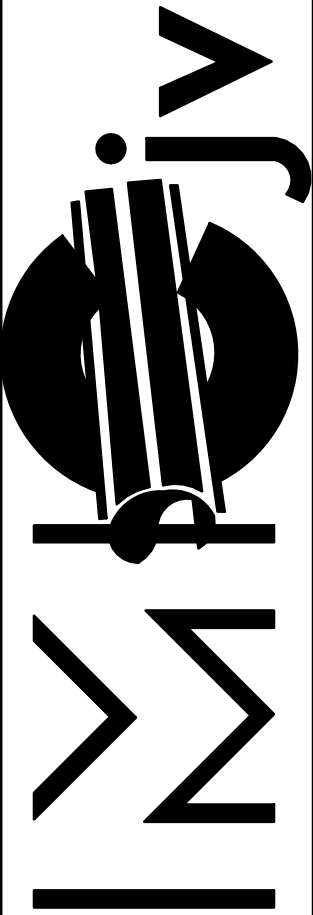
2 FRONT ELEVATION

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



A1	A3	B1	B3
A2	A4	B2	B4

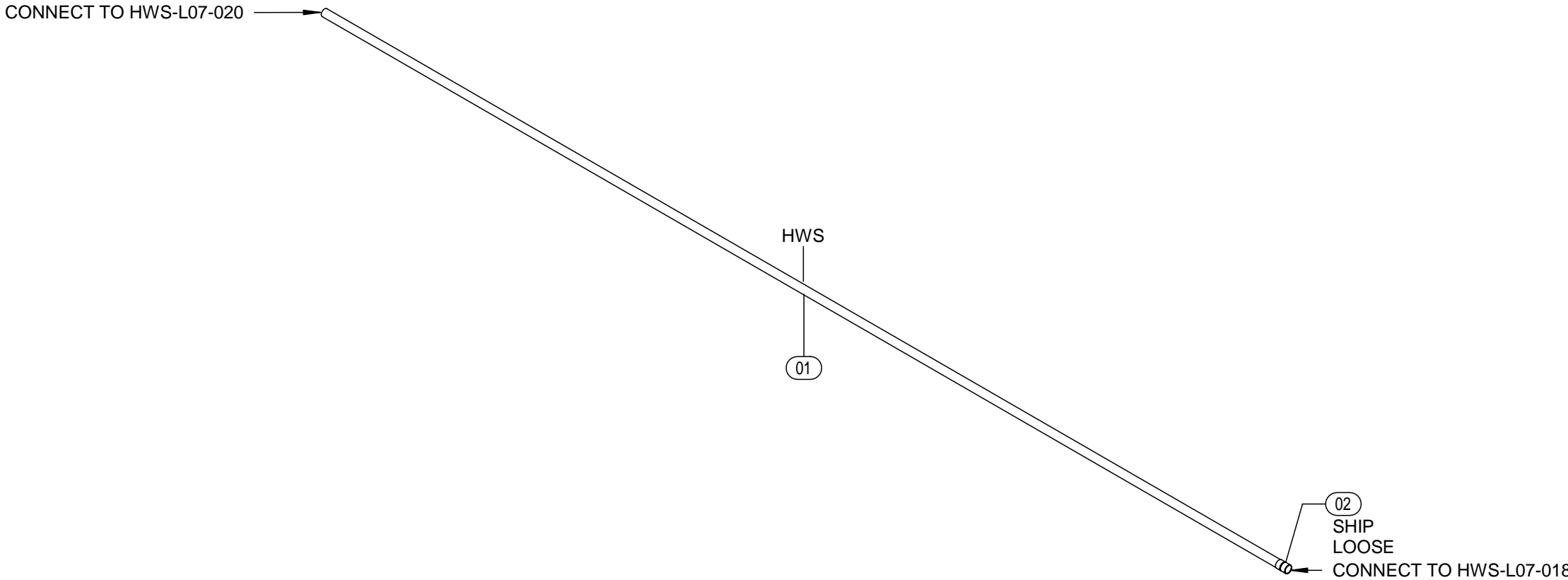
JOB: WASH U NRB
TICKET: HWR-L07-019
Drawn By: Author
DATE: 11/22/21 DATE REQ:



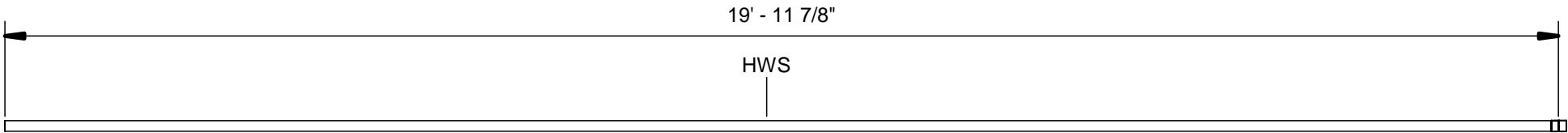
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BIM 360/WUSM NRBWUSM_RB_HPE.rvt
22-11-2021 11:24:59

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



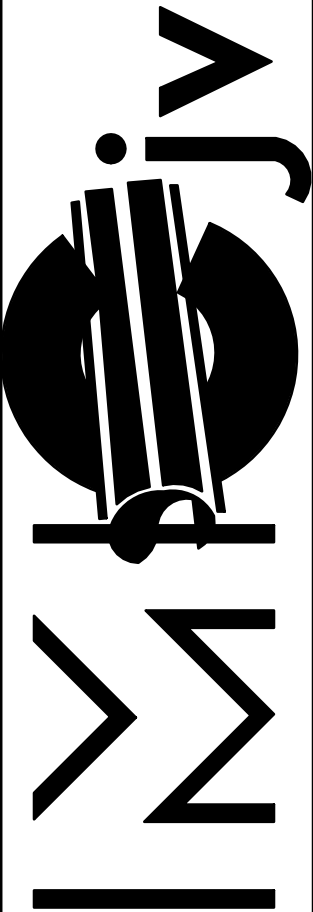
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

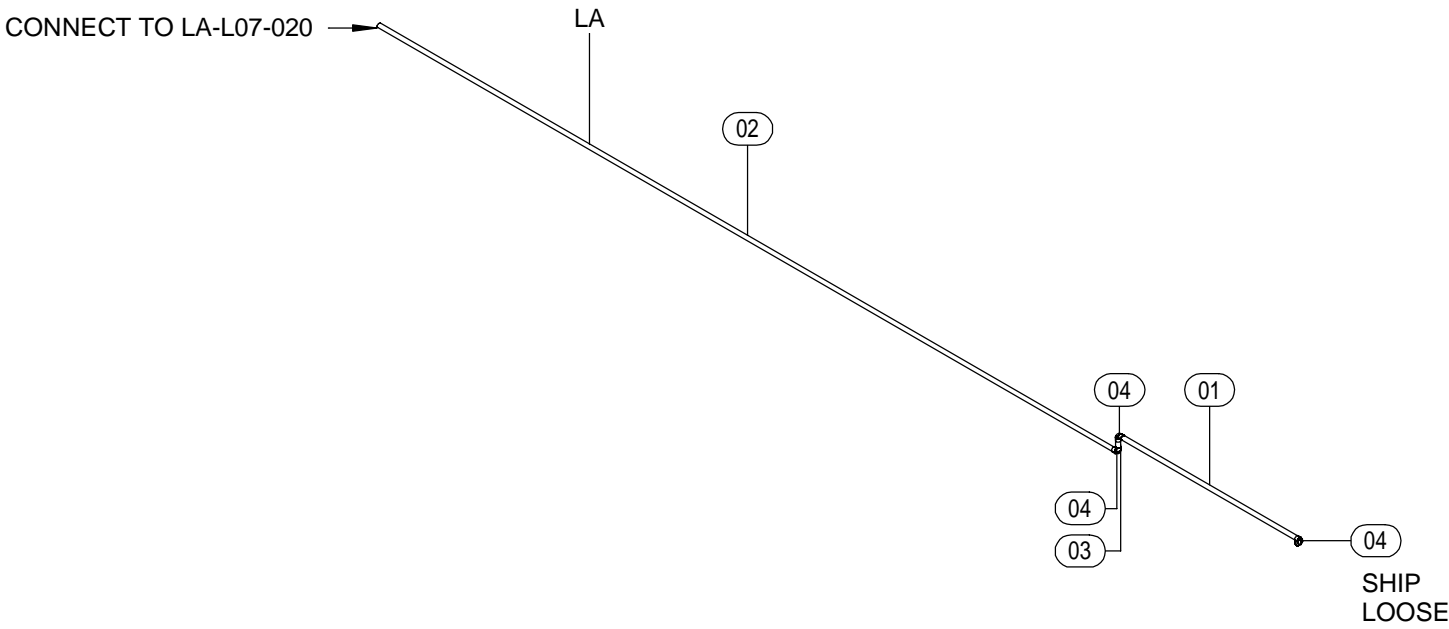
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TICKET:	HWS-L07-019
Drawn By: Author	
DATE: 11/22/21	DATE REQ:



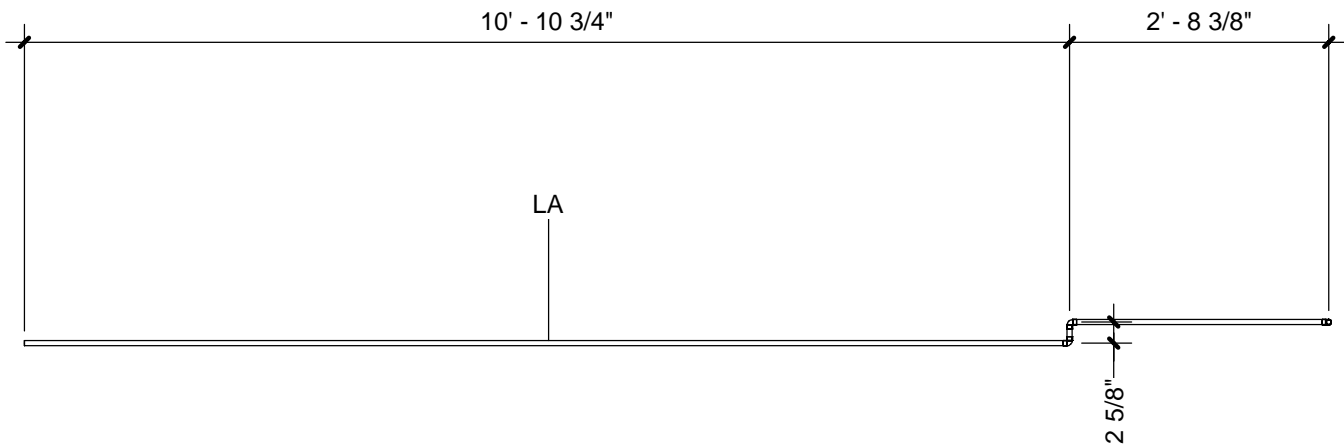
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
18-11-2021 15:31:59

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	2'-7 5/8"				
02	1	1/2"	Cerro Type L Hard Copper - CFOS	10'-10 7/16"				
03	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-1 15/16"				
04	3	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					



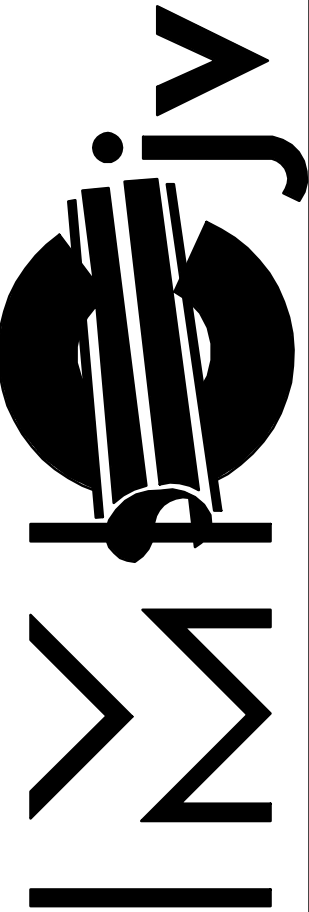
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

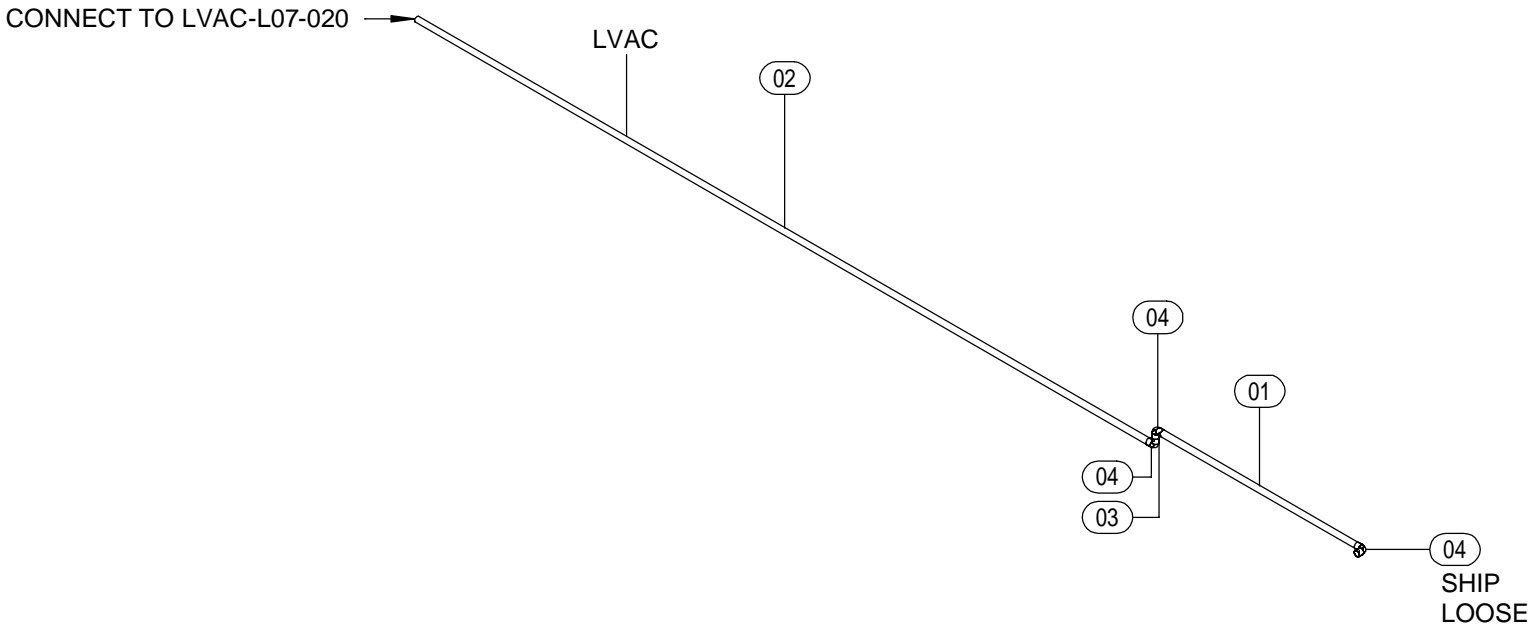
JOB: WASH U NRB
TICKET: LA-L07-019
Drawn By: Author
DATE: 11/18/21
DATE REQ:



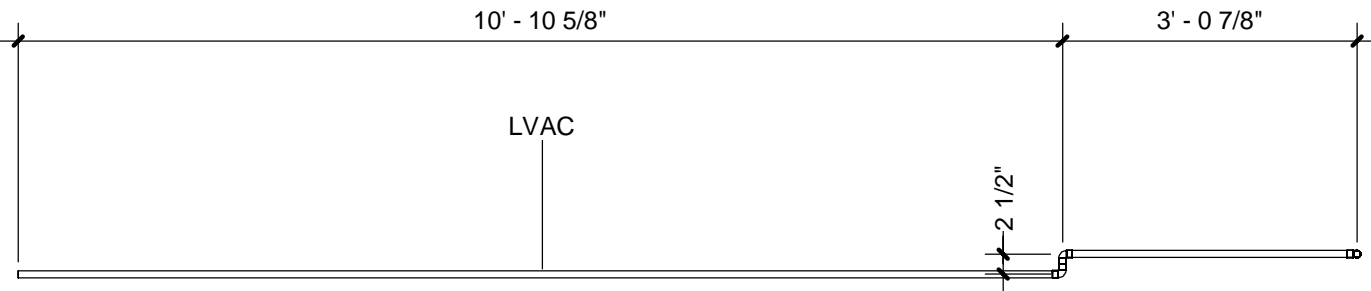
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BIM 360://WUSM NRB\\WUSM_RB_PUF.rvt
18-11-2021 15:30:57

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	2'-11 13/16"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	10'-10 1/8"				
03	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-1 1/2"				
04	3	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					



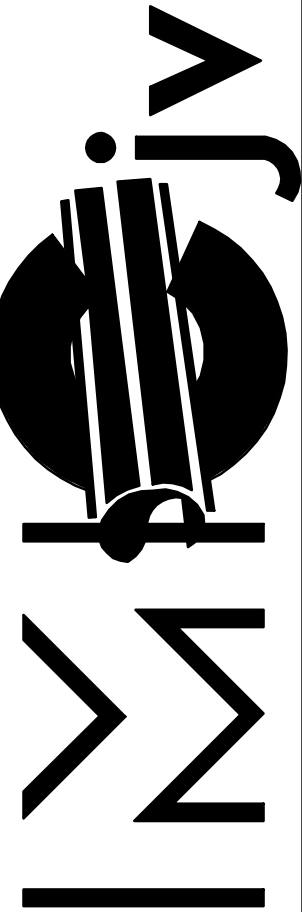
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

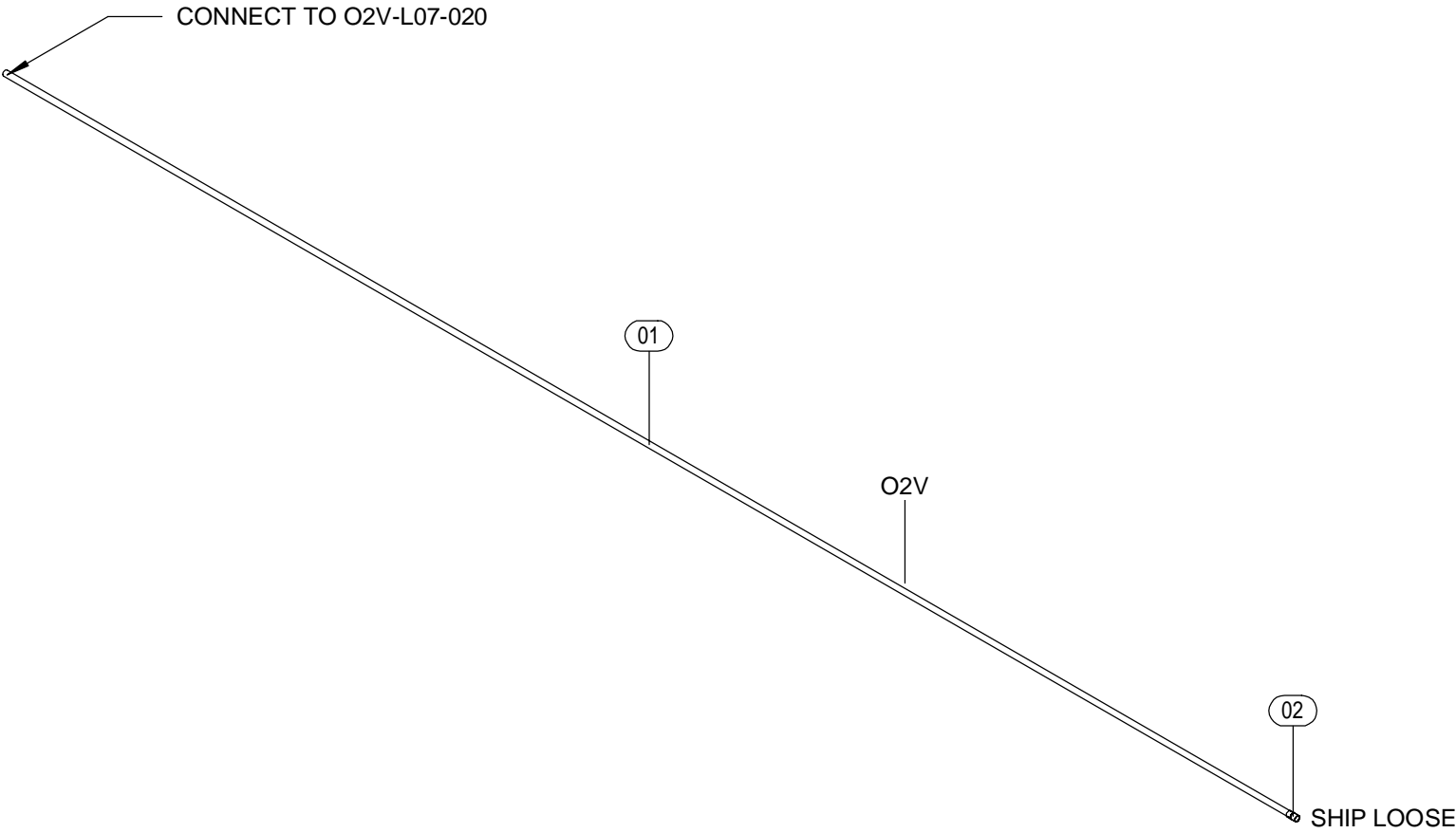
JOB:	WASH U NRB
TICKET:	LVAC-L07-019
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



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314-997-6600 phone

BIM 360//WUSM NRBWUSM_RB_PUF.rvt
19-11-2021 01:02:17

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	19'-11 7/8"				
02	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



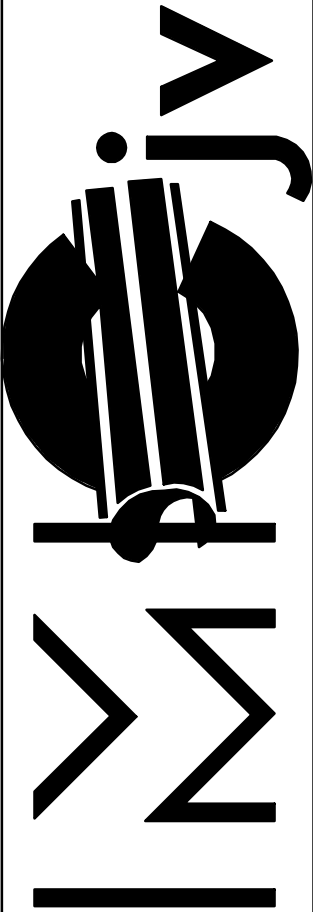
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

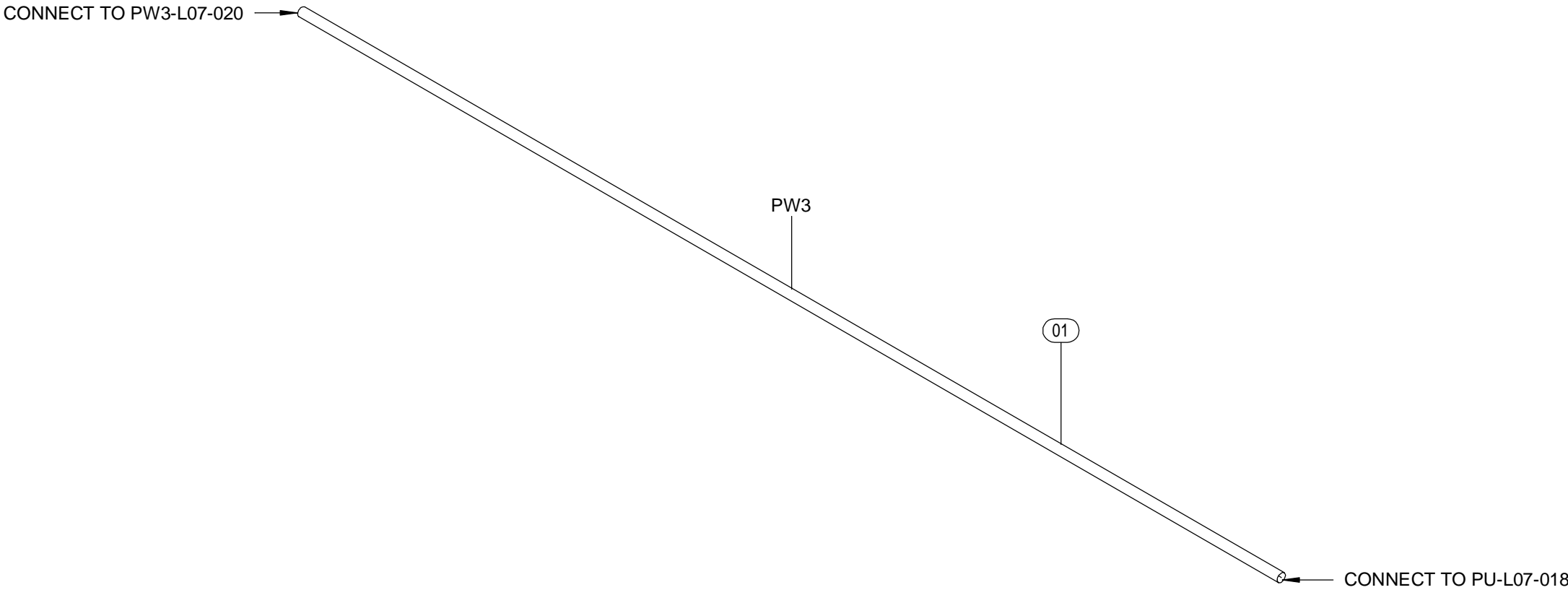
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TICKET: O2V-L07-019
Drawn By: Author
DATE: 11/19/21
DATE REQ:



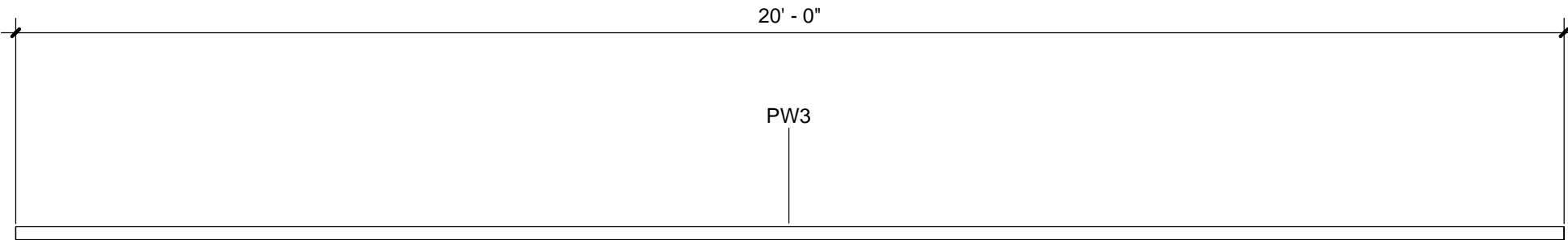
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314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
18-11-2021 15:35:30

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	20'-0"				



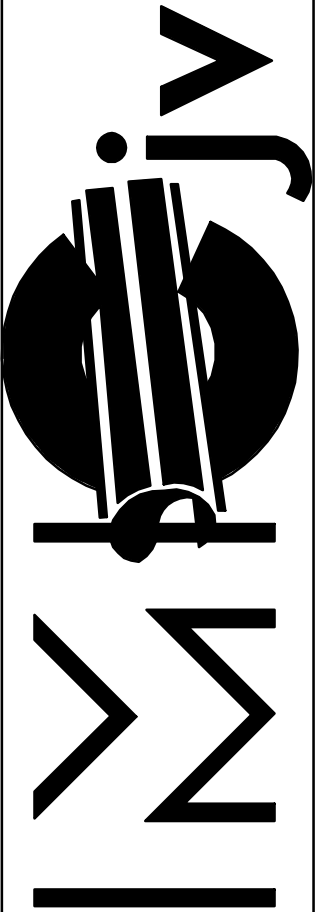
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW3-L07-019
Drawn By: Author	
DATE: 11/18/21	DATE REQ:



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