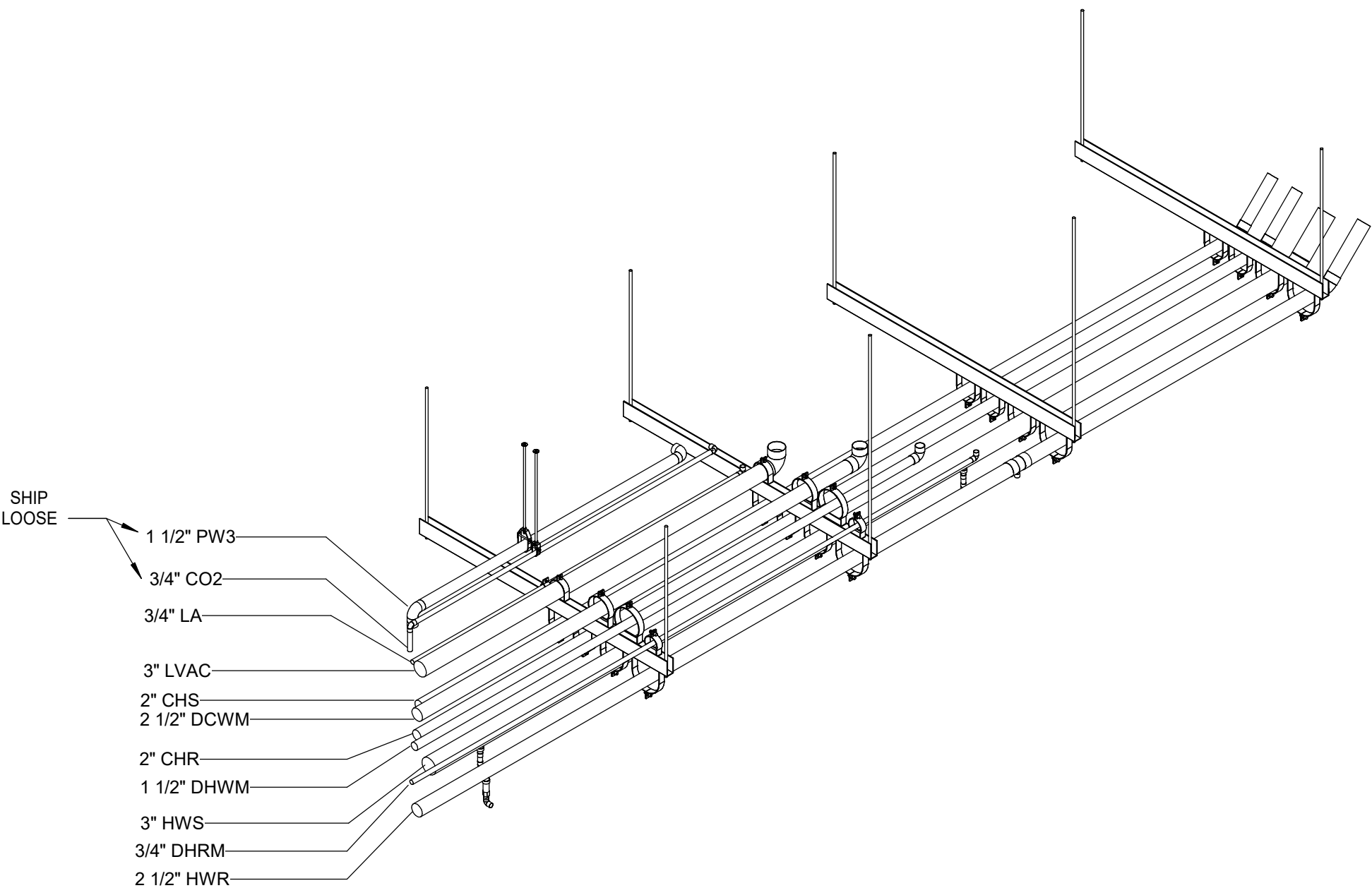
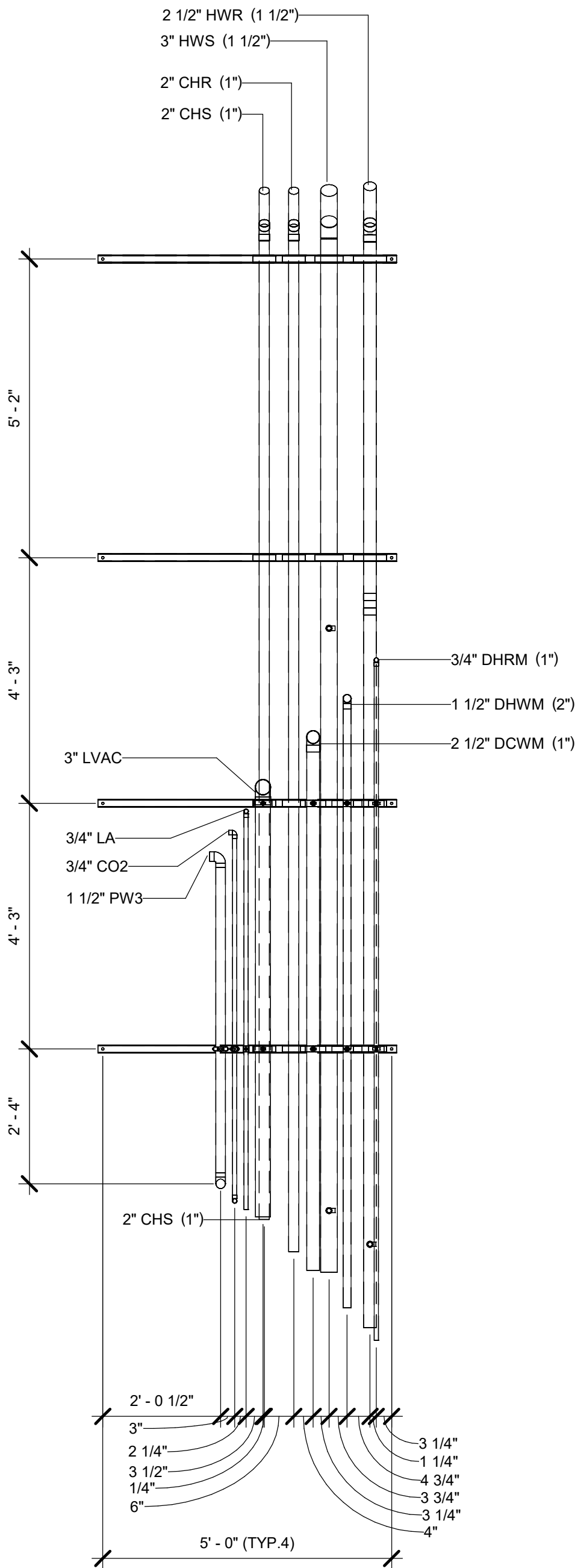


BIM 360/WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
12/16/2021 1:44:32 PM



1 AS-L07-031 - ISOMETRIC
AS-L07-031 SCALE:

2 AS-L07-031
AS-L07-031 SCALE: 1/2" = 1'-0"



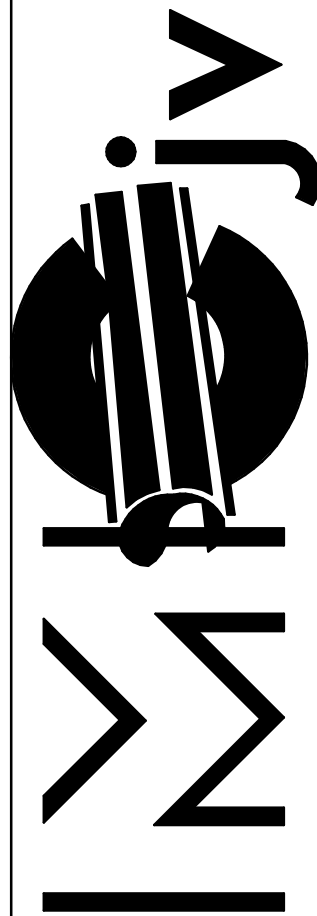
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: AS-L07-031

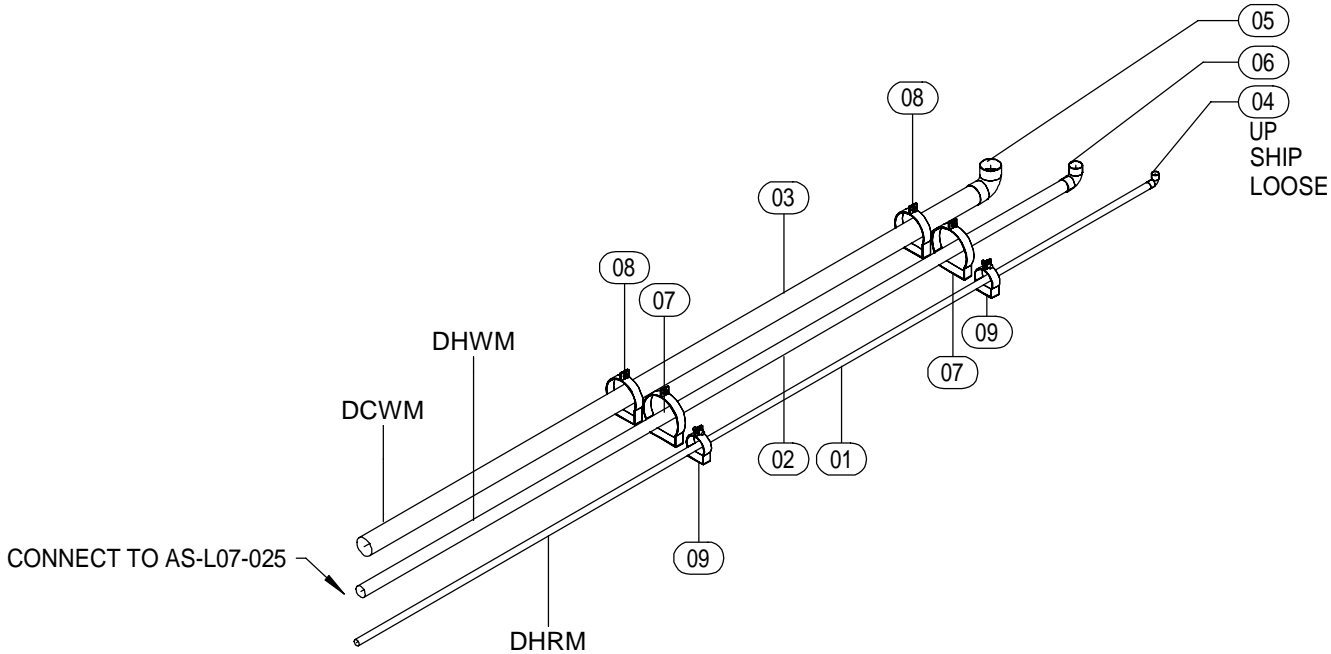
Drawn By: Author

DATE: 11/24/21 DATE REQ:

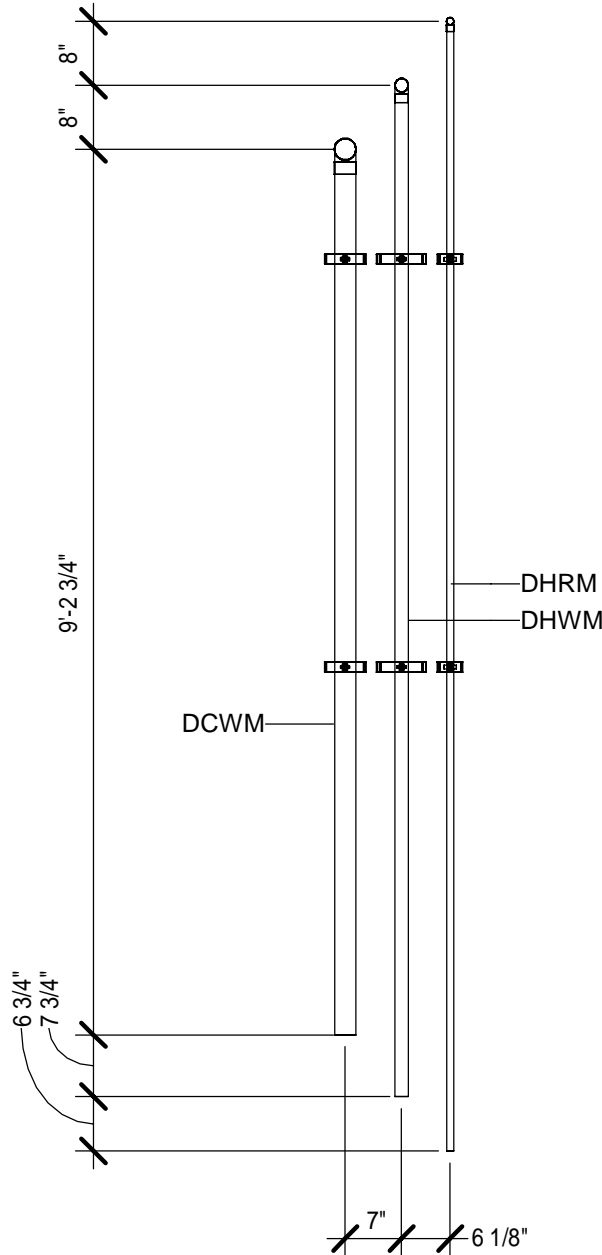


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24-11-2021 17:51:07



1 ISOMETRIC
SCALE:



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

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper Pipe	11'-8 3/4"				1"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	10'-5 7/16"				2"
03	1	2 1/2"	Cerro Type L Hard Copper Pipe	9'-1 1/8"				1"
04	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
05	1	2 1/2"	Nibco Wrot 607 90 Deg Ell CxC					1"
06	1	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC					2"
07	2	5.13"	B-Line B2000 Series - OD Pipe and Conduit					
08	2	4.63"	B-Line B2000 Series - OD Pipe and Conduit					
09	2	2.63"	B-Line B2000 Series - OD Pipe and Conduit					

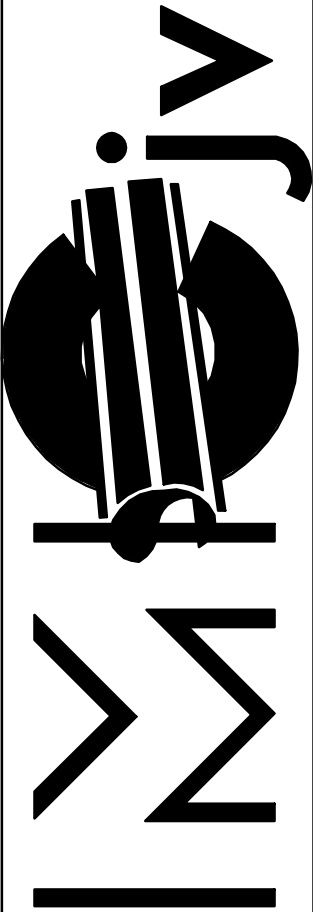
08 2 4 5/8" B Line #2058

07 2 5 5/8" B Line #2066

09 2 2 7/8" B Line #2014

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: PP-L07-031
Drawn By: Author
DATE: 11/24/21
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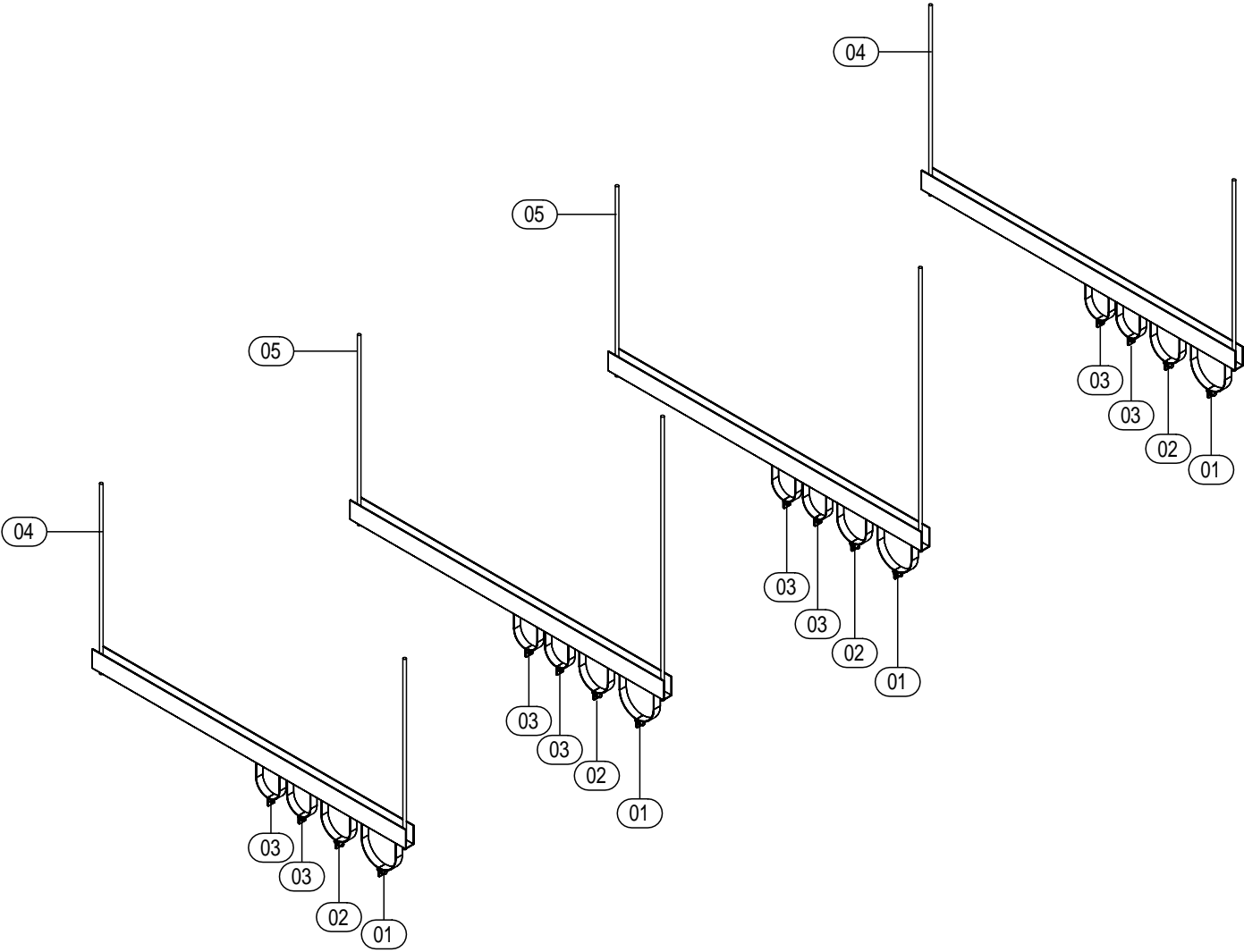
BIM 360/WUSM NRBWUSM_RB_HPE.rvt
24-11-2021 14:26:03

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	4	5"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"		0"	
03	8	4"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"		0"	
04	2	58"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		5' - 2"	2' - 8 5/8"	2' - 8 5/8"	
05	2	58"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		5' - 2"	4' - 0 5/8"	2' - 8 5/8"	

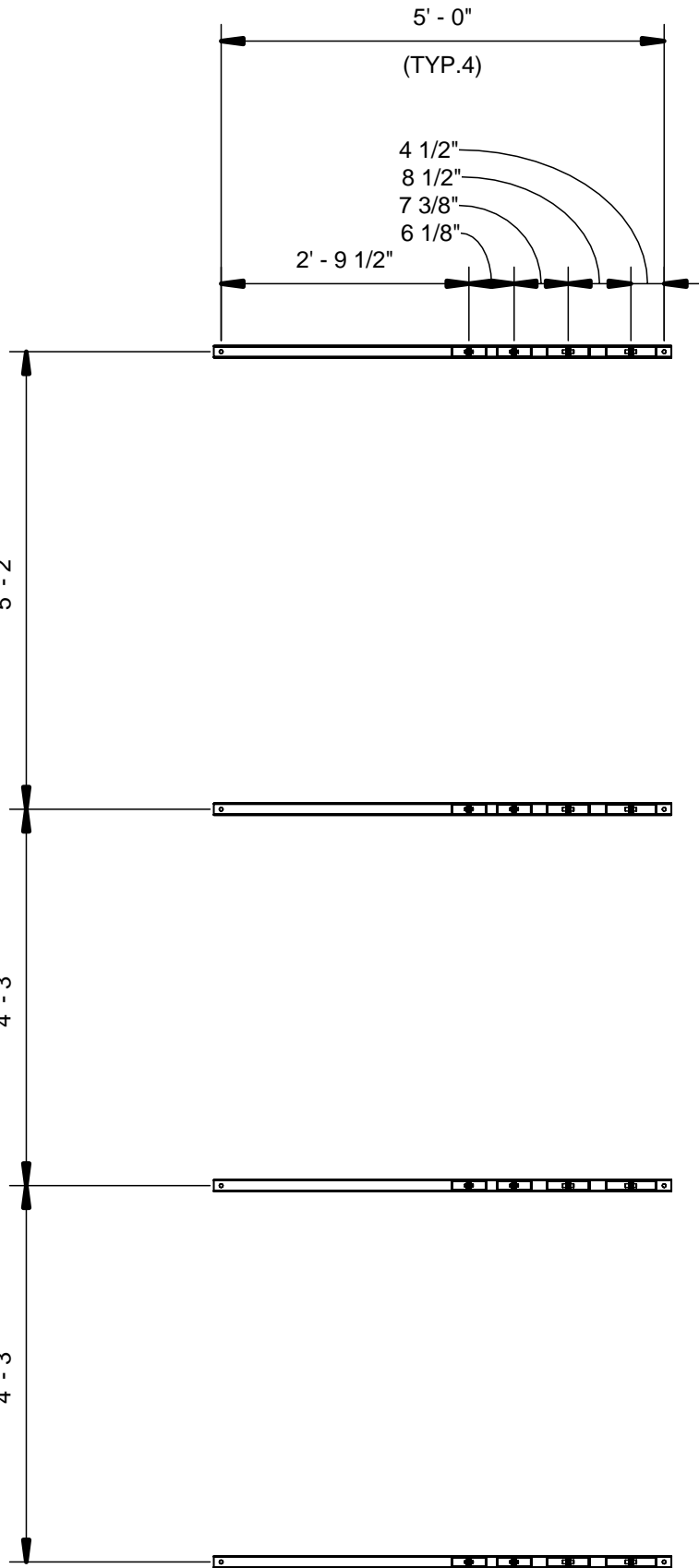
01 4 5 5/8" B Line #2066

02 4 6 5/8" B Line #2020

03 8 4 1/8" B Line #2054



1 ISOMETRIC
SCALE:



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

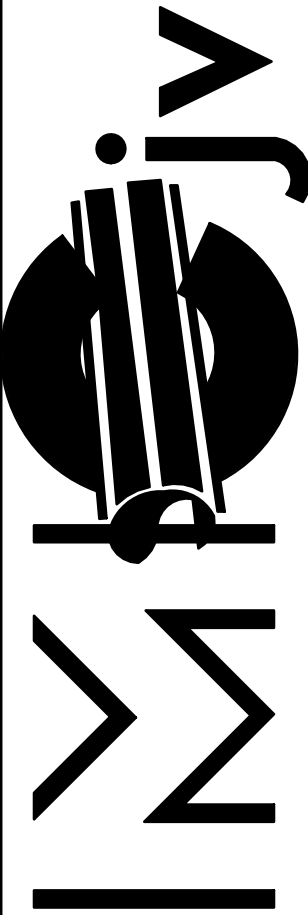
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: HPHGR-L07-031

Drawn By: Author

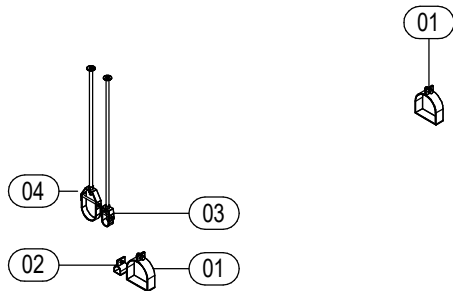
DATE: 11/24/21 DATE REQ:



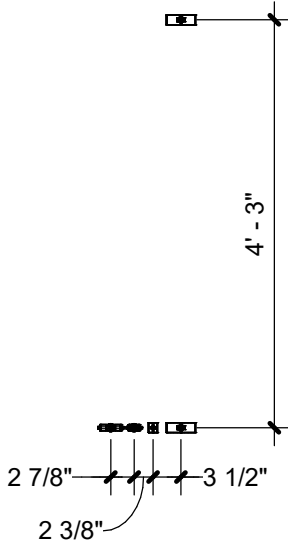
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12/15/2021 11:50:12 AM

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	2	3"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
02	1	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"		0"	
03	1	3/4"	B-Line B3100 Clevis Hanger - HDG					
04	1	2"	B-Line B3100 Clevis Hanger - HDG					



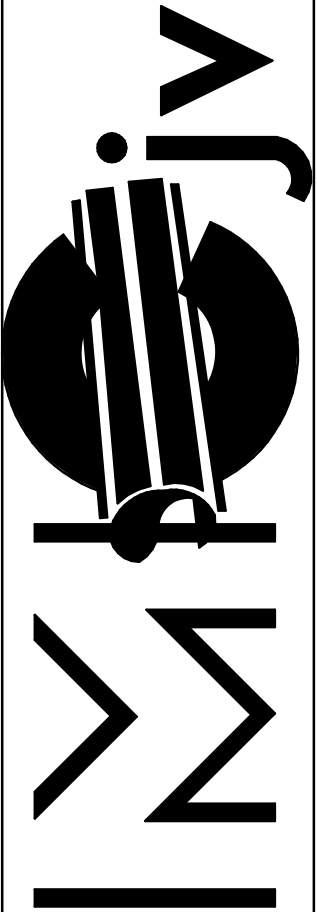
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

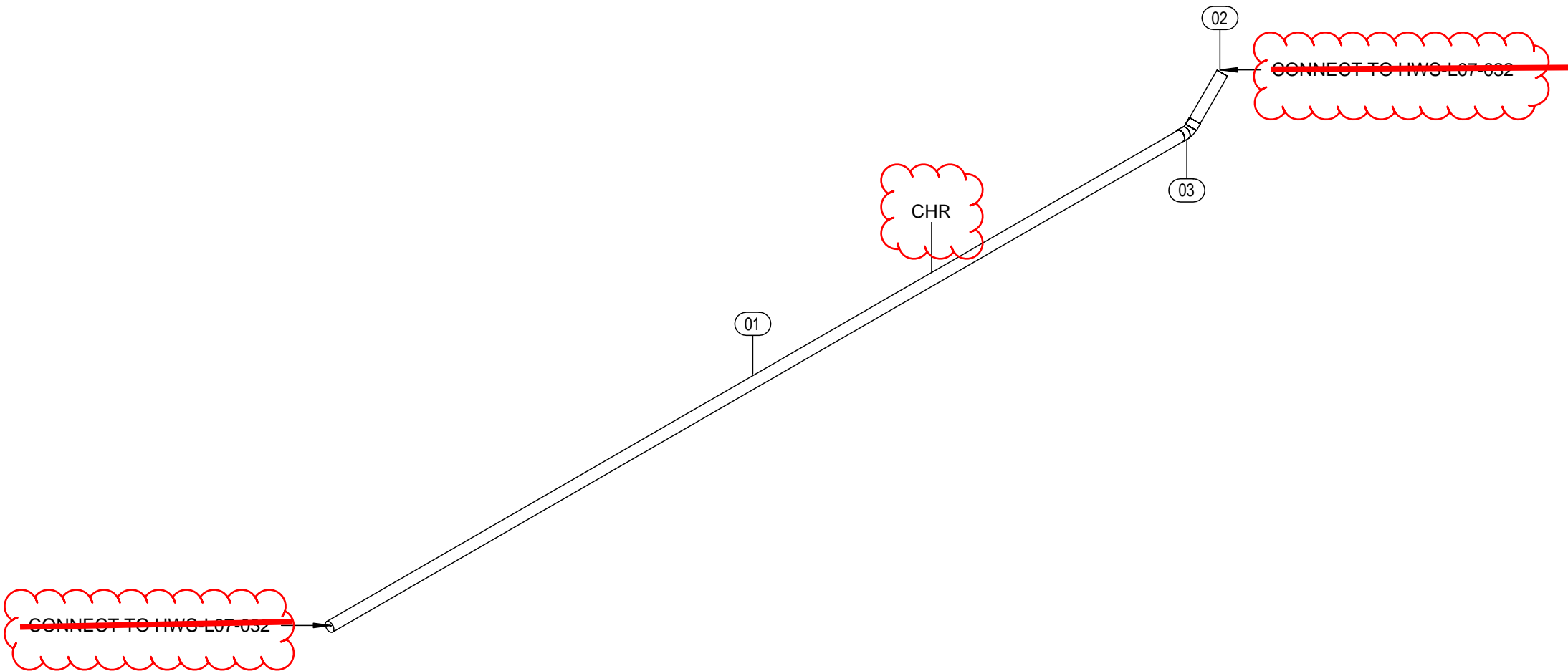
JOB:	WASH U NRB
TICKET:	PUHGR-L07-031
Drawn By: Author	
DATE: 11/24/21	DATE REQ:



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24-11-2021 18:25:31

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	17'-7 1/4"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	0'-10 7/8"				1"
03	1	2"	Nibco Wrot 606 45 Deg Ell CxC					1"



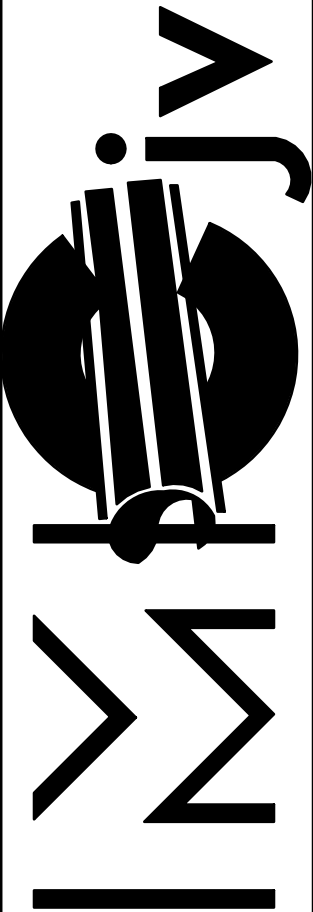
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

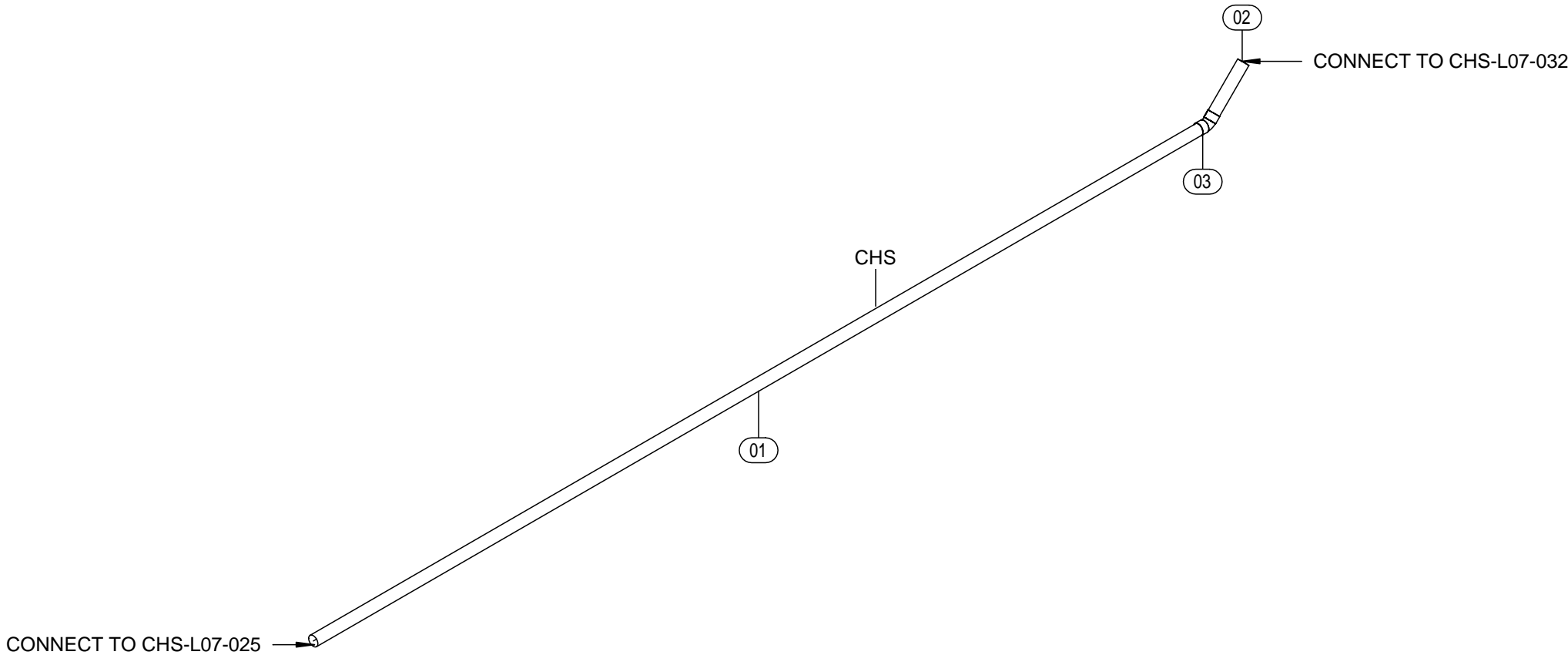
JOB: WASH U NRB
TICKET: CHR-L07-031
Drawn By: Author
DATE: 11/24/21
DATE REQ:



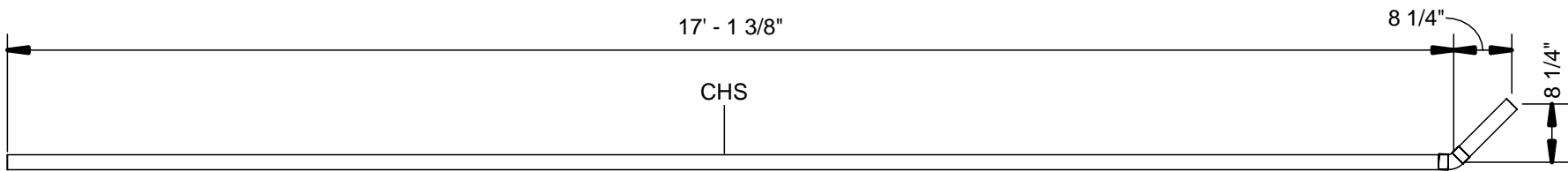
1233 N. Price Rd.
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BIM 360/WUSM NRBWUSM_RB_HPE.rvt
24-11-2021 18:22:19

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	17'-0 9/16"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	0'-10 7/8"				1"
03	1	2"	Nibco Wrot 606 45 Deg Ell CxC					1"



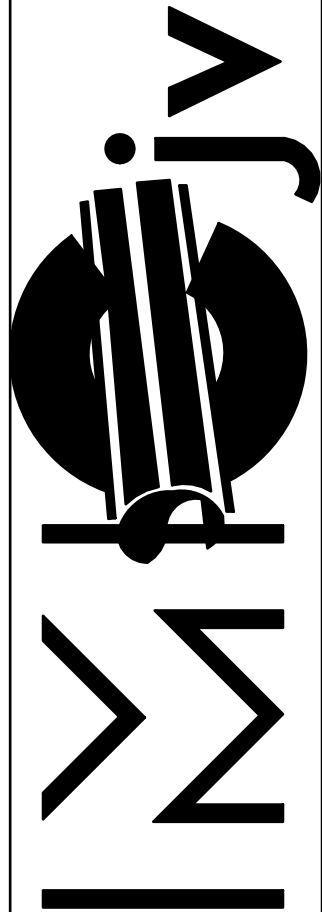
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

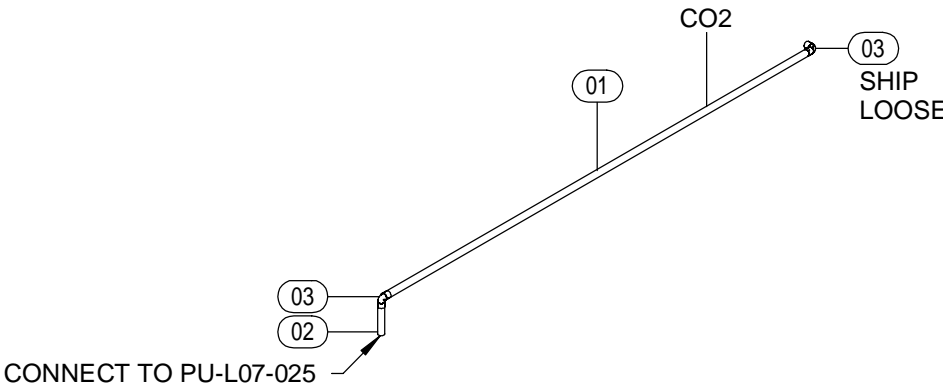
JOB:	WASH U NRB
TICKET:	CHS-L07-031
Drawn By: Author	
DATE: 11/24/21	DATE REQ:



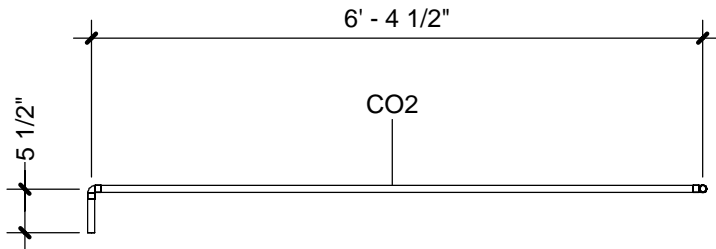
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24-11-2021 16:54:34

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	6'-3 1/2"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-4 15/16"				
03	2	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					



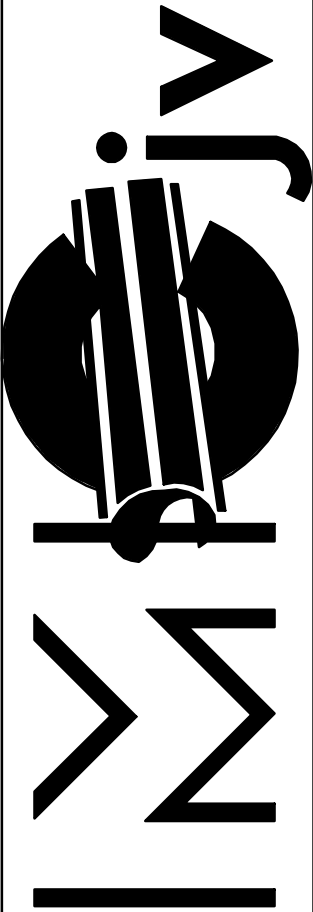
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

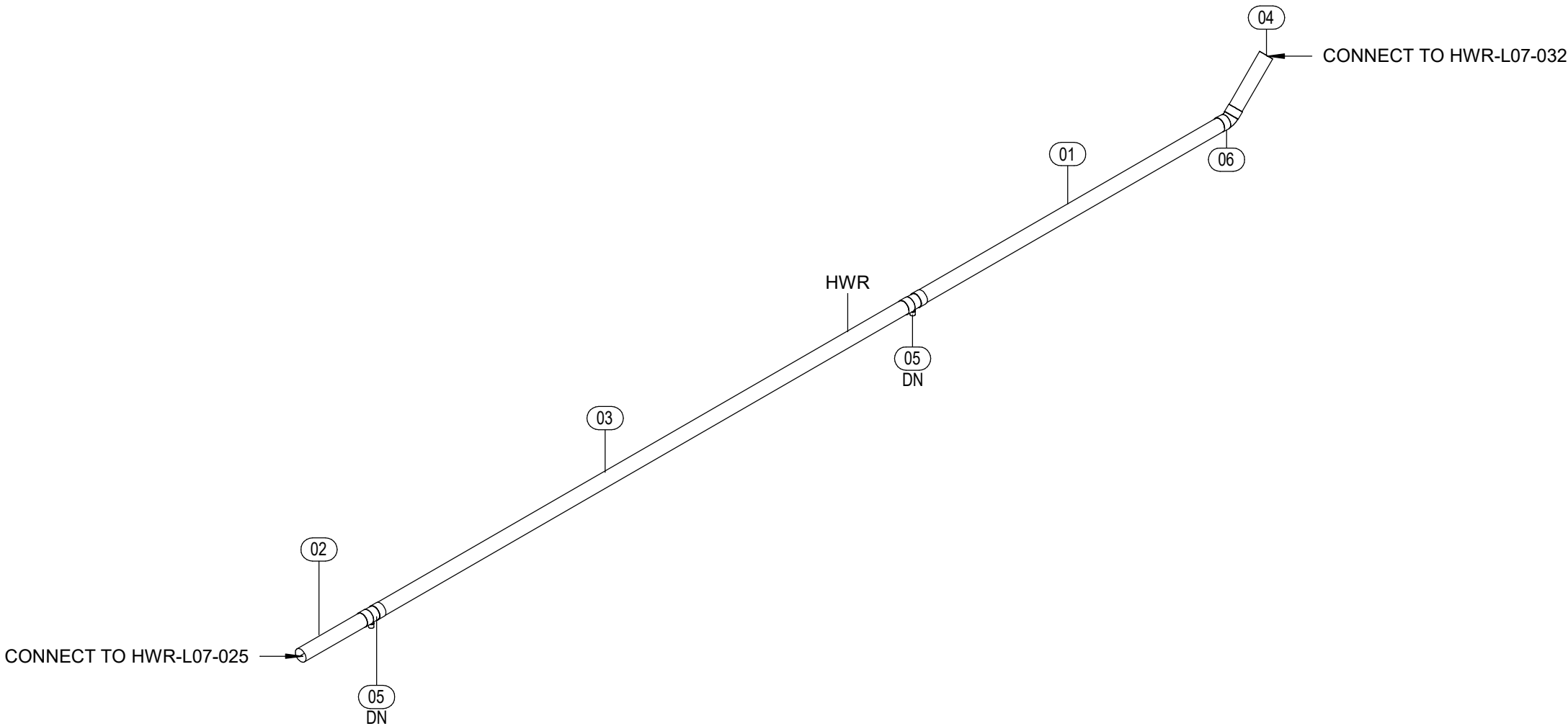
JOB:	WASH U NRB
TICKET:	CO2-L07-031
Drawn By: Author	
DATE: 11/24/21	DATE REQ:



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2/1/2022 11:42:39 AM

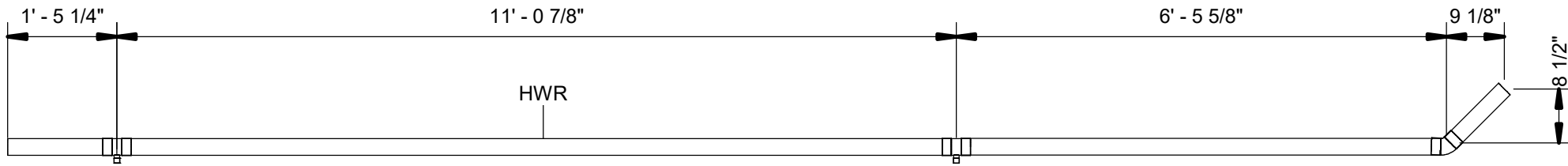
Mark	Qty	Size	Description	Length	Insulation
01	1	2 1/2"	Cerro Type K Hard Copper Pipe	6'-3 7/8"	1 1/2"
02	1	2 1/2"	Cerro Type K Hard Copper Pipe	1'-4 1/2"	1 1/2"
03	1	2 1/2"	Cerro Type K Hard Copper Pipe	10'-11 3/8"	1 1/2"
04	1	2 1/2"	Cerro Type K Hard Copper Pipe	1'-0"	1 1/2"
05	2	2 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee		1 1/2"
06	1	2 1/2"	Nibco Wrot 606 45 Deg Ell CxC		1 1/2"



1

ISOMETRIC

SCALE:



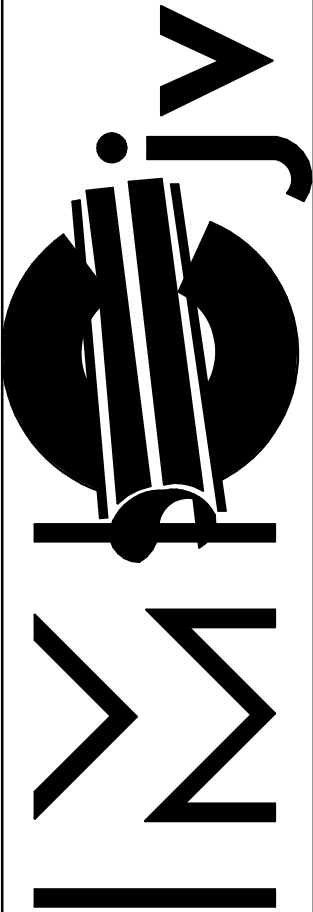
2

RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

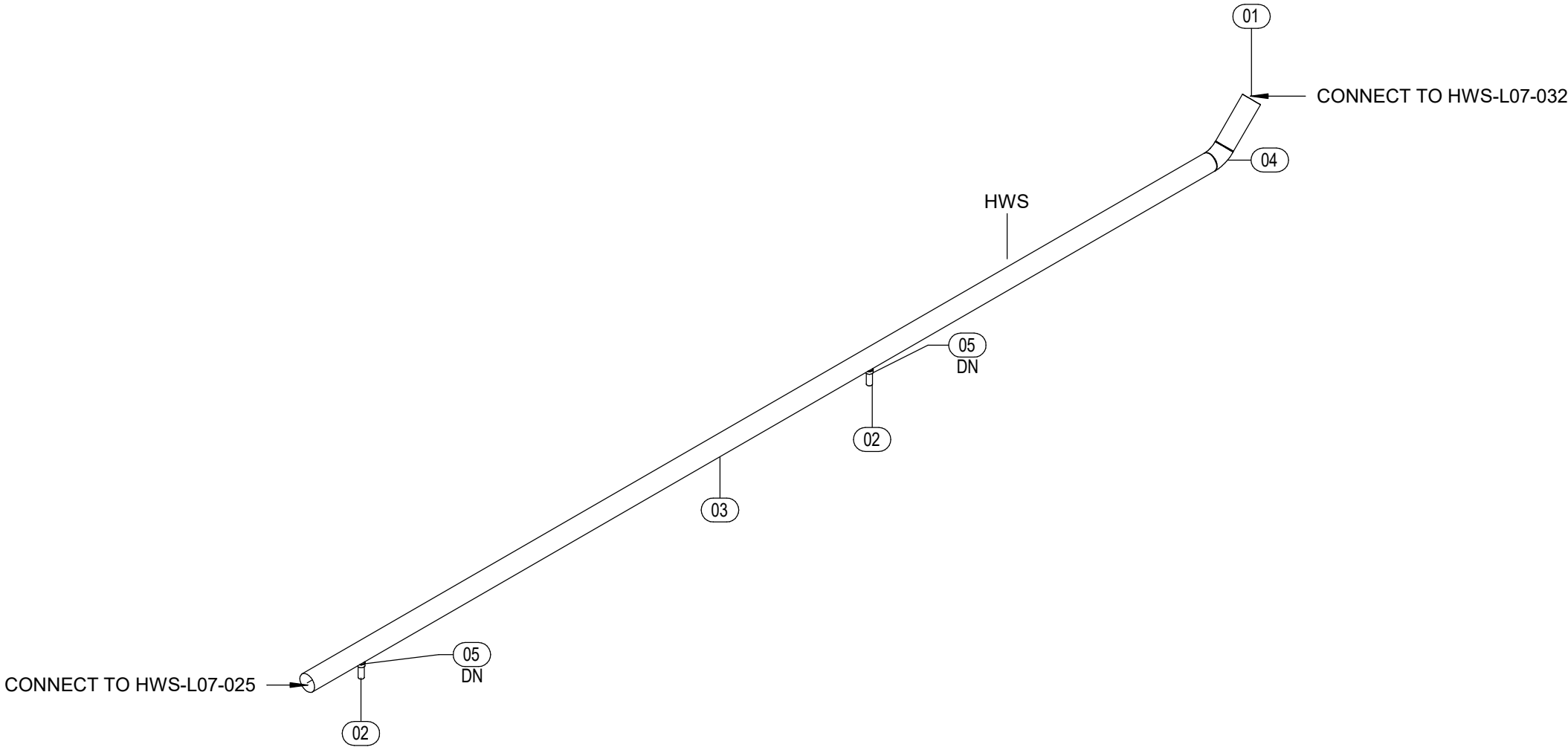
JOB:	210140 - WASH U NRB
TICKET:	HWR-L07-031
Drawn By: Author	
DATE: 11/24/21	DATE REQ:



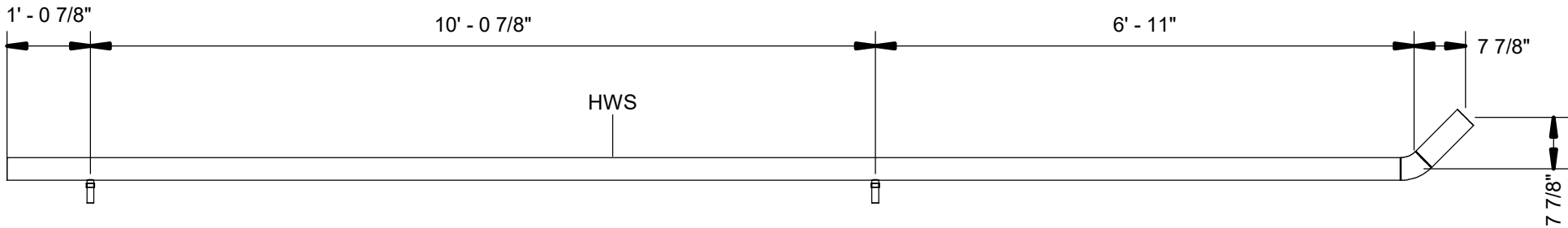
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2/1/2022 11:42:43 AM

Mark	Qty	Size	Description	Length	Insulation
01	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-9 1/8"	1 1/2"
02	2	3/4"	Victaulic No.647 TT Dielectric Transition Fitting	0'-3"	1"
03	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	17'-10 5/8"	1 1/2"
04	1	3"	Weidbend Std Wt SA234 WPB CS BW 45 Deg Ell		1 1/2"
05	2	3"x3/4"	Anvil 3000# FS Thread-O-Let		1"



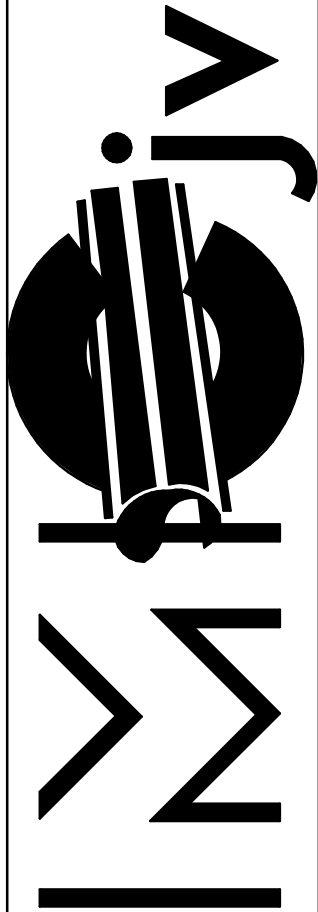
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

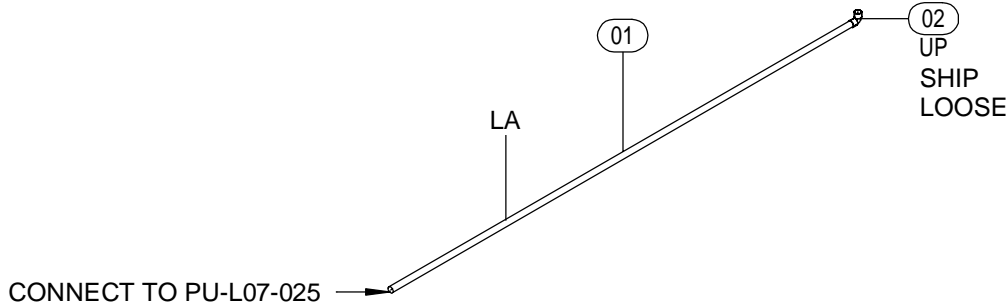
JOB:	210140 - WASH U NRB
TICKET:	HWS-L07-031
Drawn By: Author	
DATE: 11/24/21	DATE REQ:



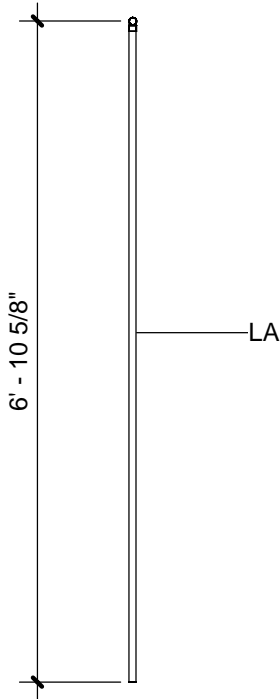
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24-11-2021 18:11:28

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	6'-10 1/8"				
02	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					



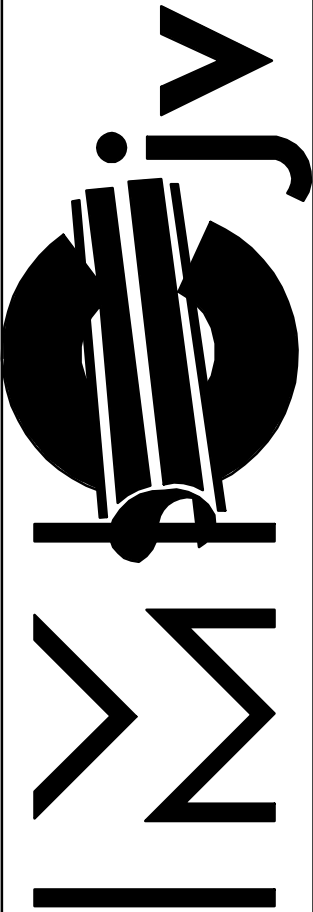
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

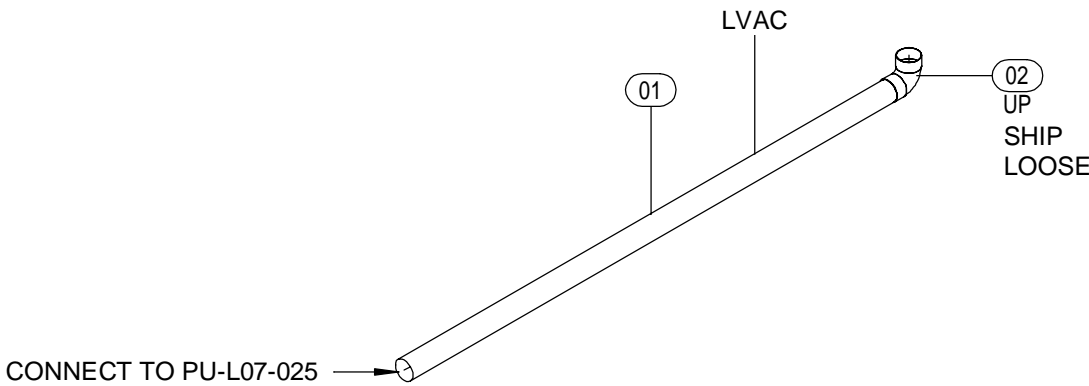
JOB: WASH U NRB
TICKET: LA-L07-031
Drawn By: Author
DATE: 11/24/21
DATE REQ:



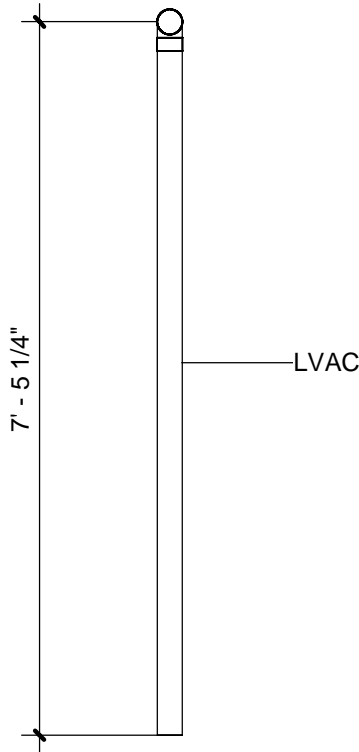
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24-11-2021 18:08:25

Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	3"	Cerro Type L Hard Copper - CFOS	7'-3 1/4"				
02	1	3"	Nibco 607-CB CFOS Wrot 90 Elbow					



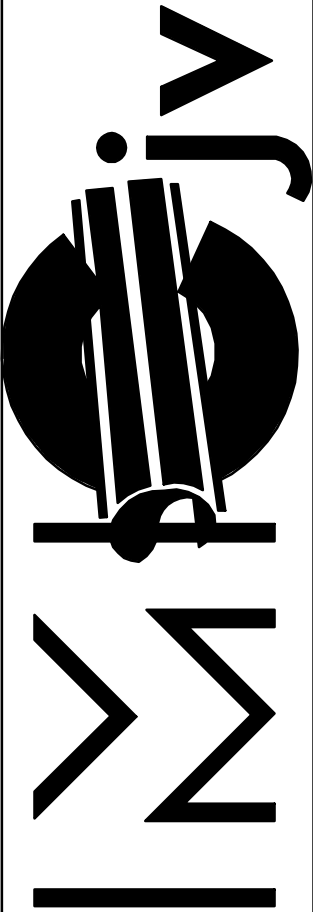
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

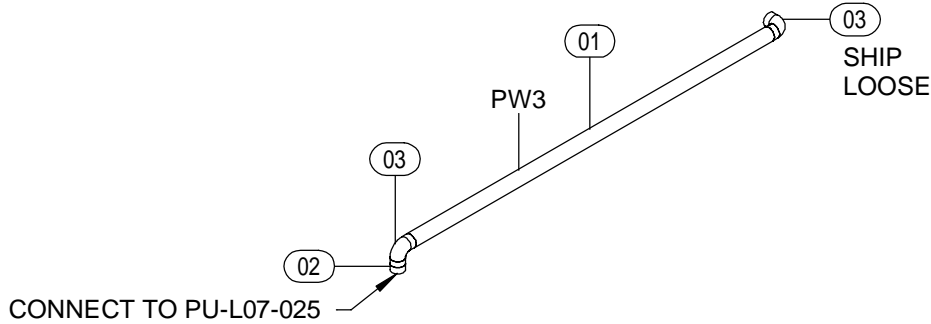
JOB:	WASH U NRB
TICKET:	LVAC-L07-031
Drawn By: Author	
DATE: 11/24/21	DATE REQ:



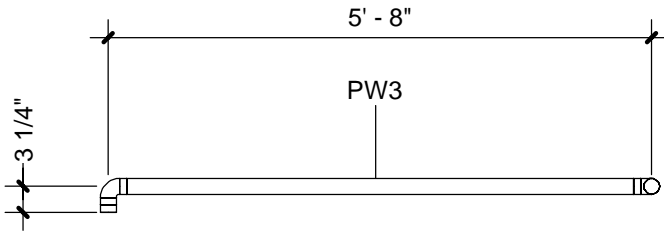
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
24-11-2021 16:43:23

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	5'-3 3/8"				
02	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	15/16"				
03	2	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow					



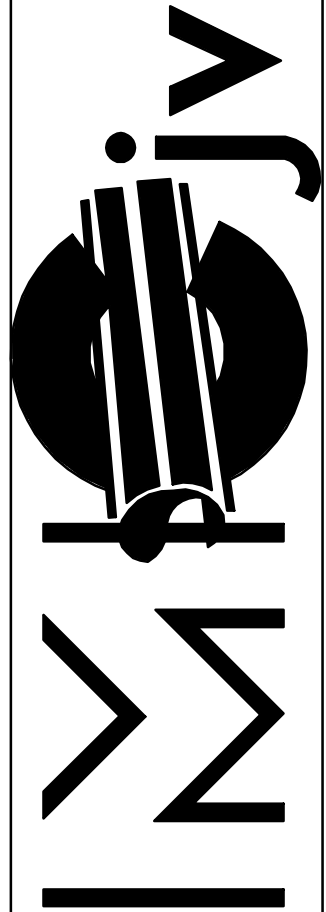
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PW3-L07-031
Drawn By: Author	
DATE: 11/24/21	DATE REQ:



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