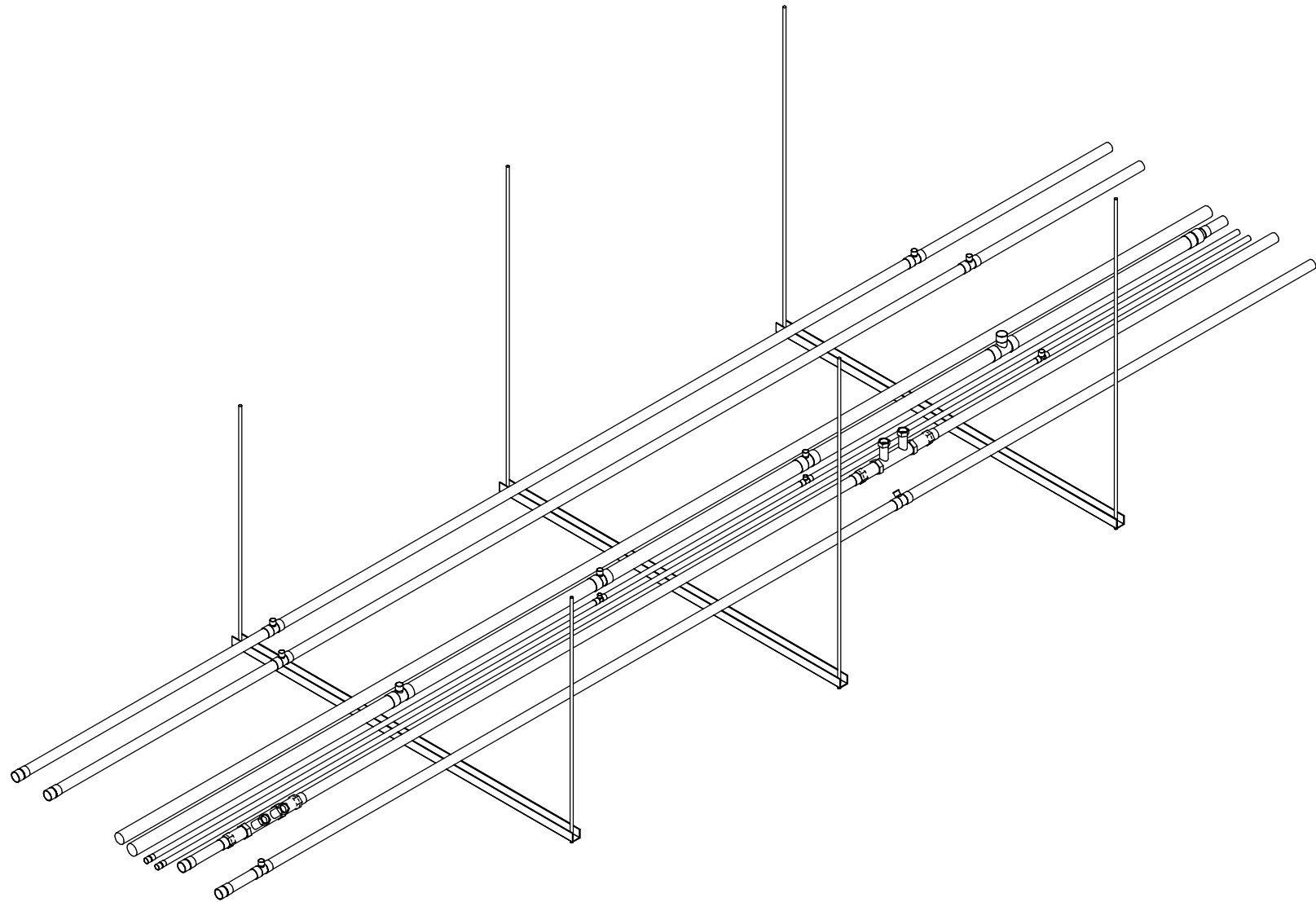
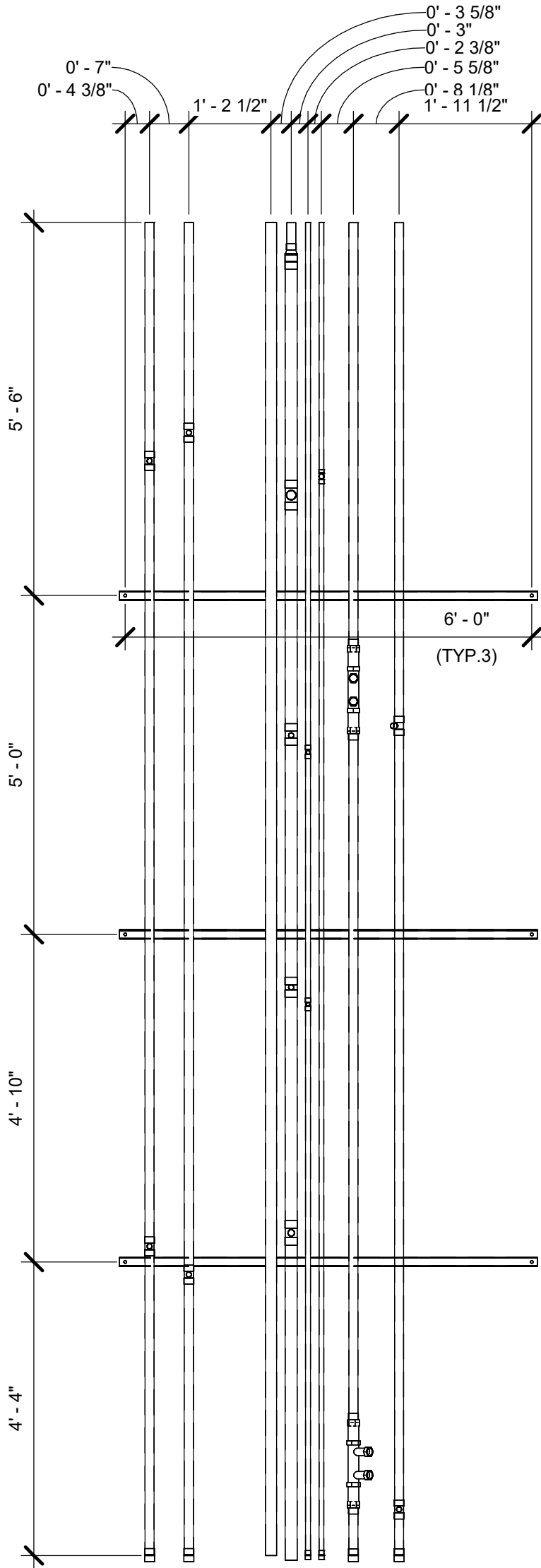


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8/12/2021 10:55:58 AM



2 AS-L03-049 - ISOMETRIC
AS-L03-049 SCALE:



1 AS-L03-049
AS-L03-049 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: AS-L03-049

Drawn By: Author

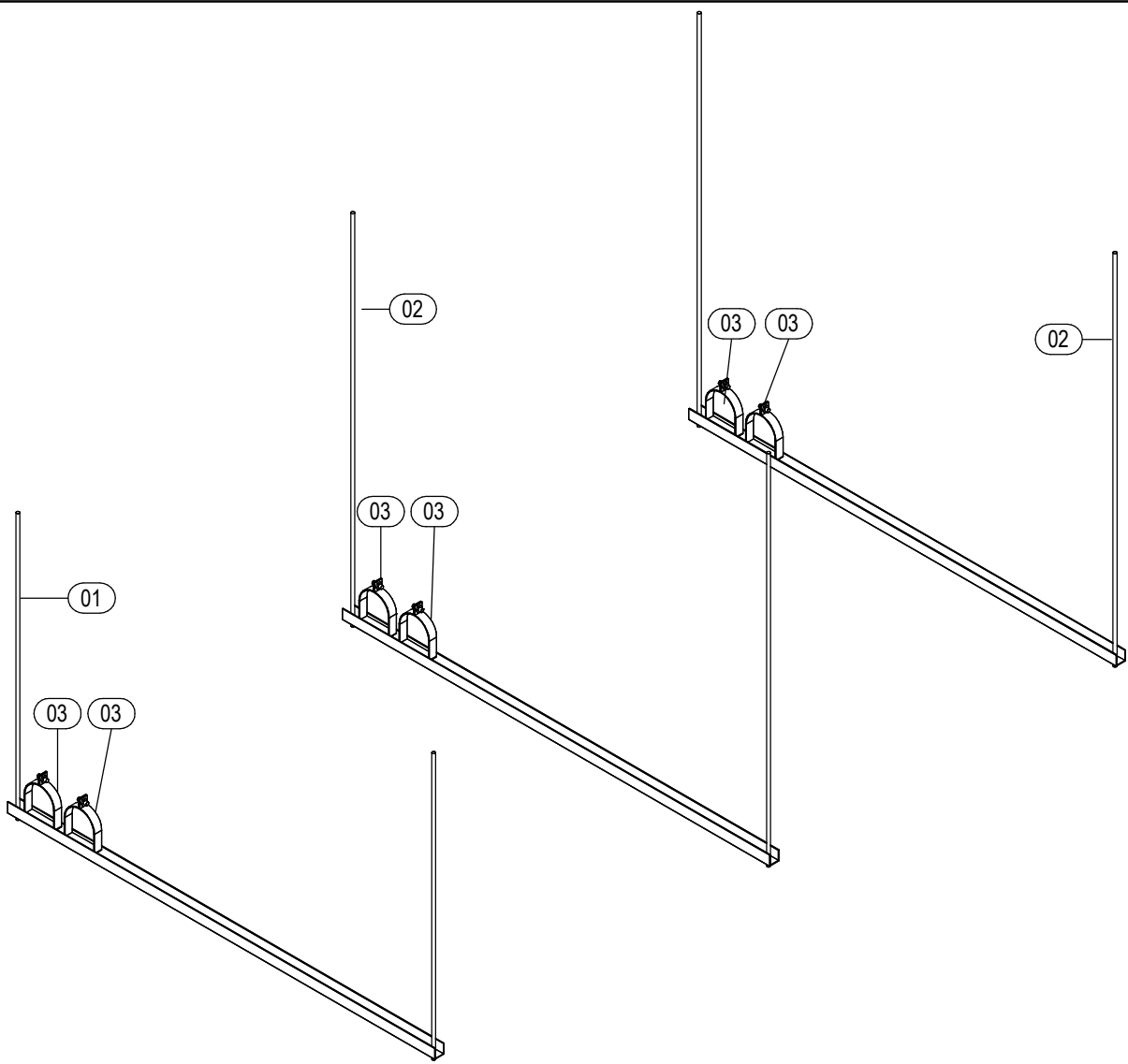
DATE: 08/09/21 DATE REQ:



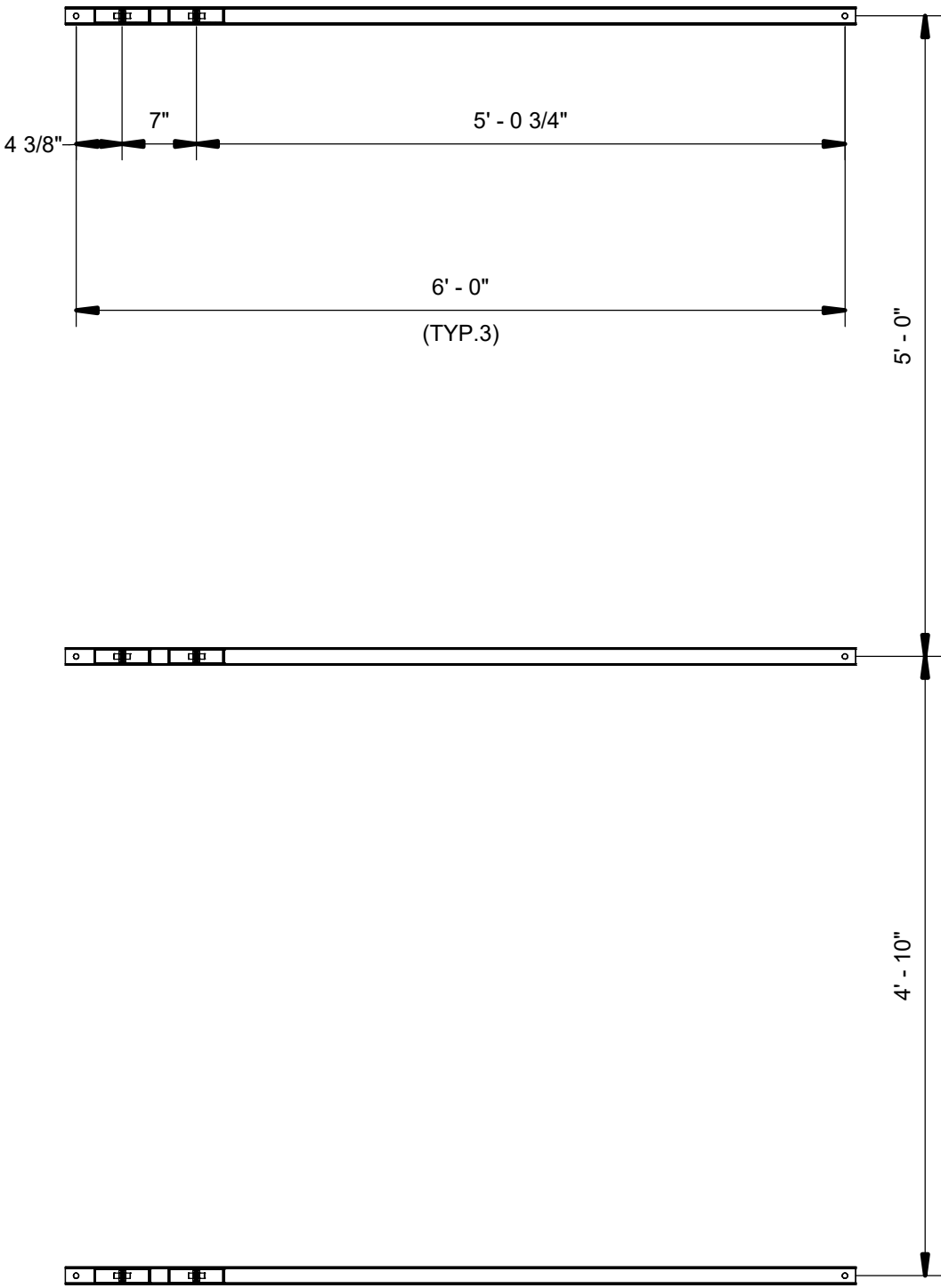
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRB/WUSM_RB_HPF.rvt
8/20/2021 1:21:34 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	70"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		6' - 2"	3' - 10"	3' - 10"	
02	2	70"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		6' - 2"	5' - 2"	5' - 2"	
03	6	4 5/8"	B-Line B2000 ZN Schl 40 Pipe Clamp		0"	0"	0"	
03	6	4 5/8"	B-LINE #2058					



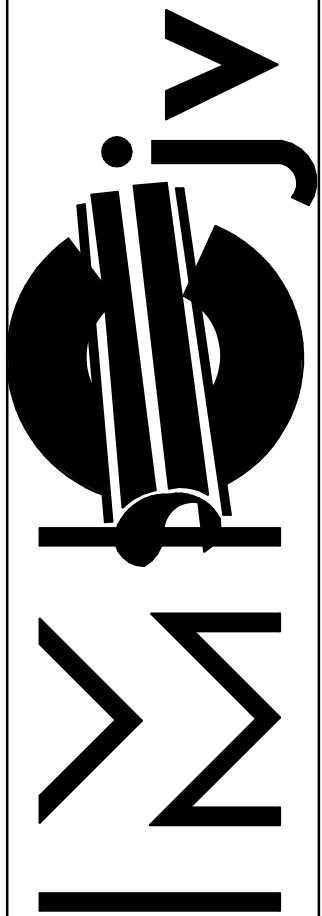
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

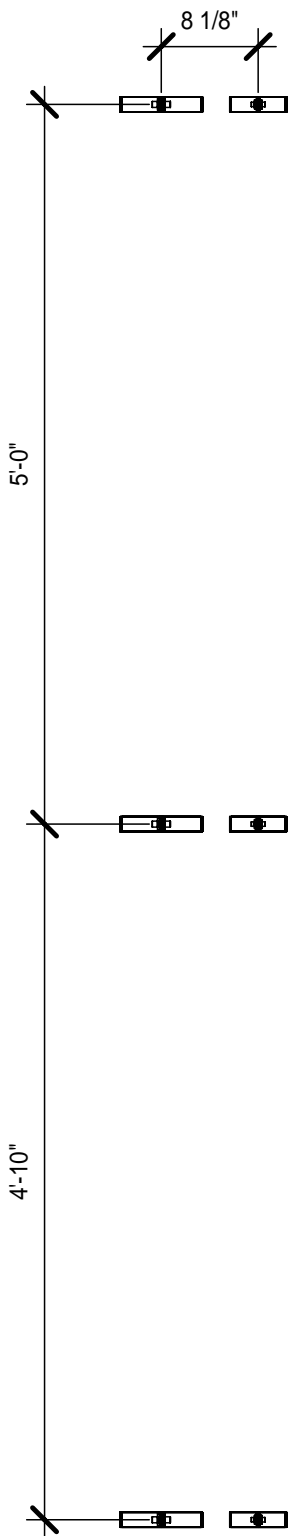
JOB:	WASH U NRB
TICKET:	HPHGR-L03-049
Drawn By: Author	
DATE: 08/11/21	DATE REQ:



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

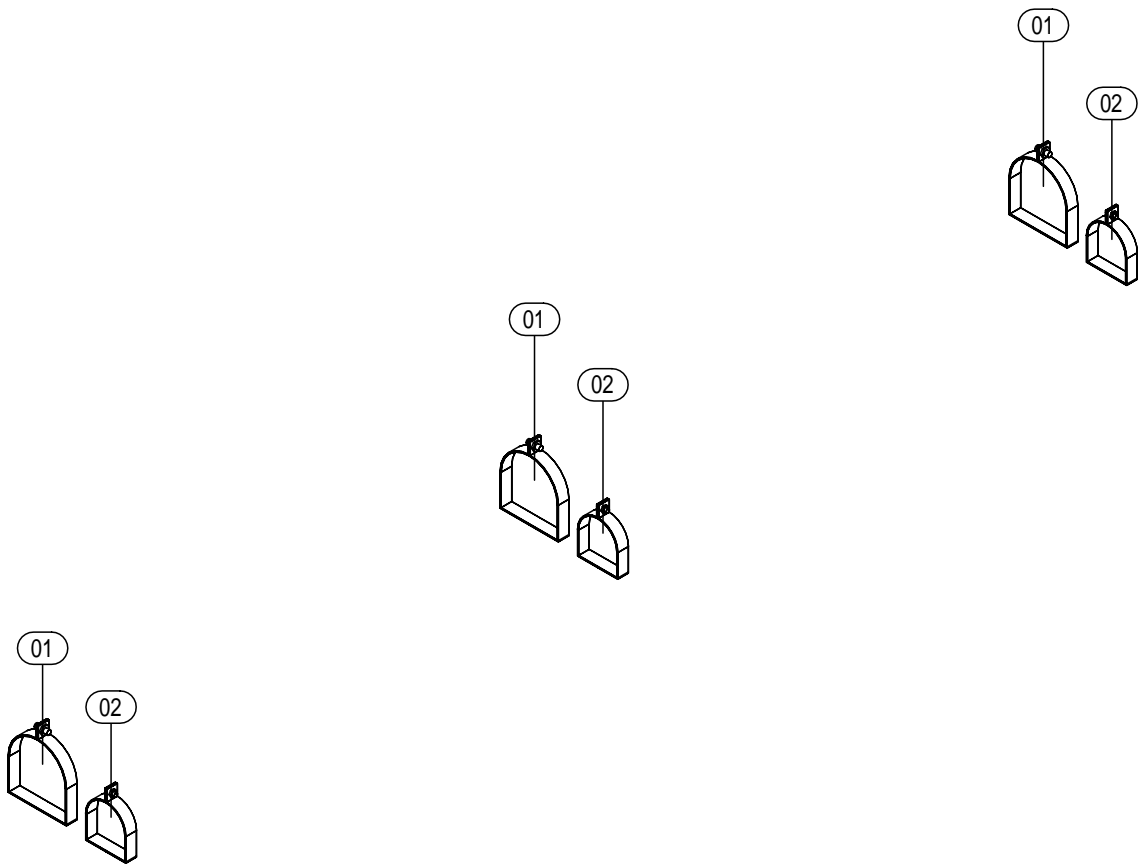
BIM 360://WUSM NRBWUSM_RB_PLF.rvt
12-08-2021 12:07:15

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	3	6"	B-Line B2000 ZN Sch. 40 Pipe Clamp					
02	3	4"	B-Line B2000 ZN Sch. 40 Pipe Clamp					
01	3	5 5/8"	B-LINE #2066					
02	3	3 5/8"	B-LINE #2050					



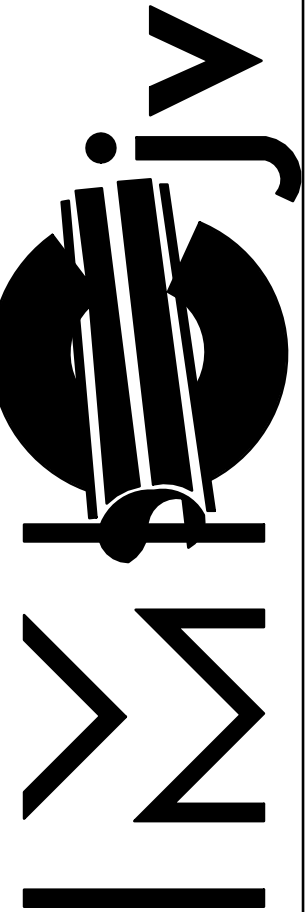
2 TOP VIEW
SCALE: 3/4" = 1'-0"

1 ISOMETRIC
SCALE:



A1	A3	B1	B3
A2	A4	B2	B4

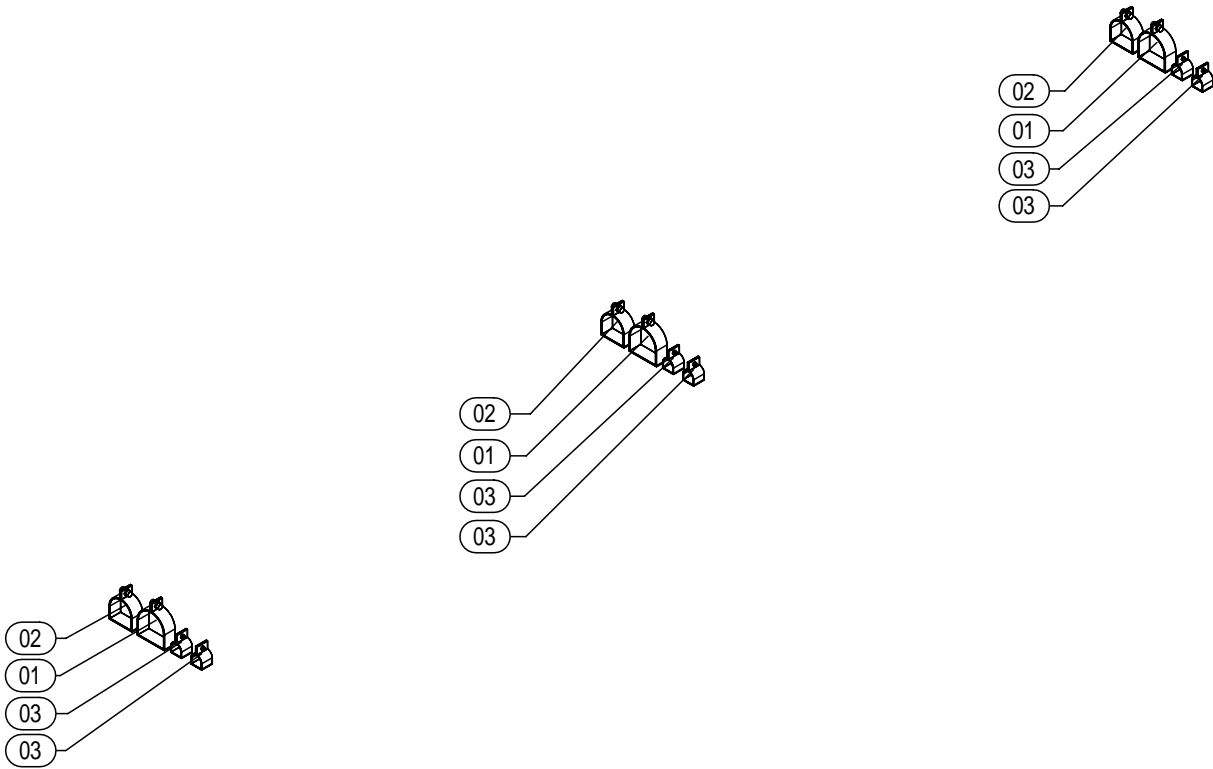
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TICKET:	PPHGR-L03-049
Drawn By: Author	
DATE: 08/12/21	DATE REQ:



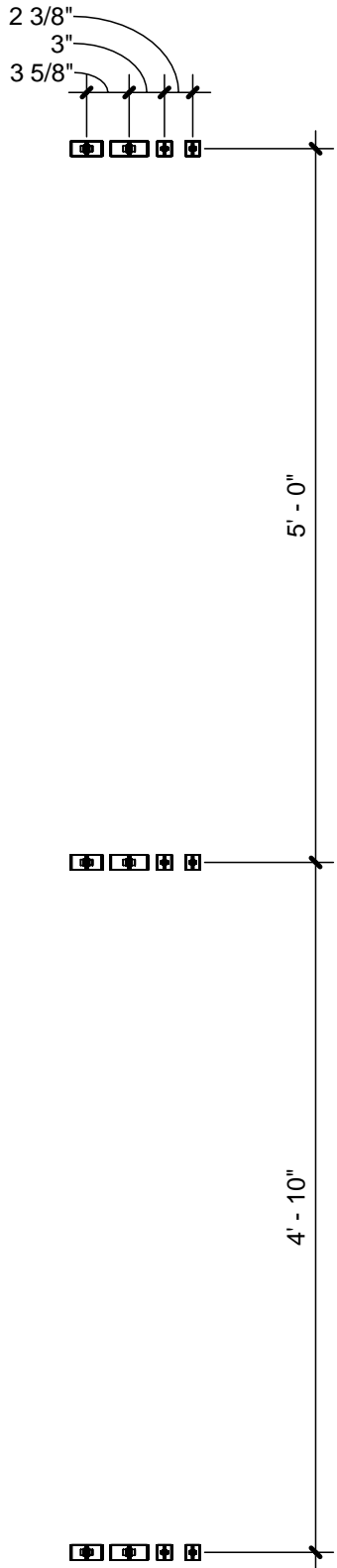
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360/WUSM NRBWUSM_RB_PUF.rvt
12-08-2021 17:40:14

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	3	2.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
02	3	2"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
03	6	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					



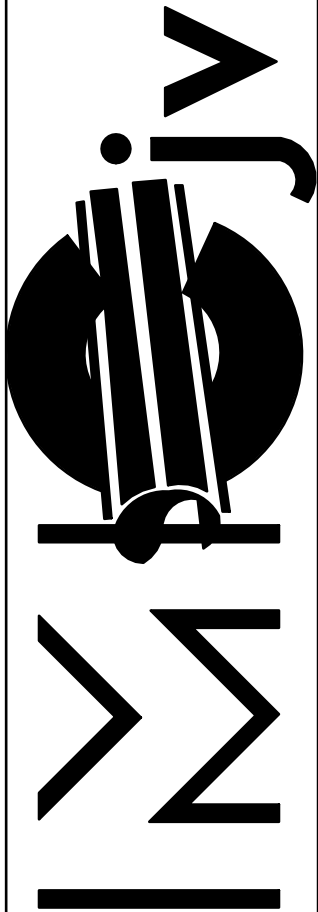
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

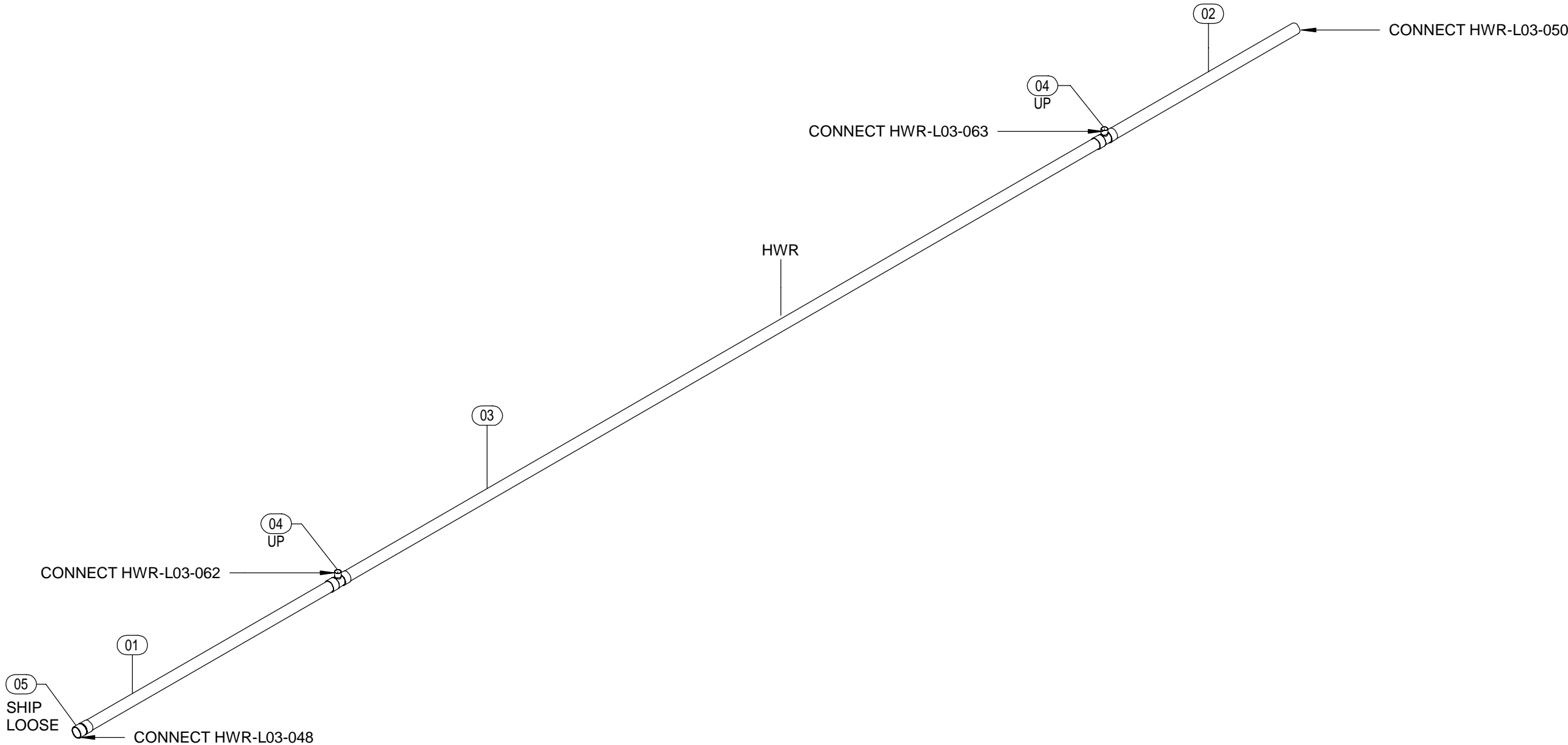
JOB:	WASH U NRB
TICKET:	PUHGR-L03-049
Drawn By: Author	
DATE: 08/13/21	DATE REQ:



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

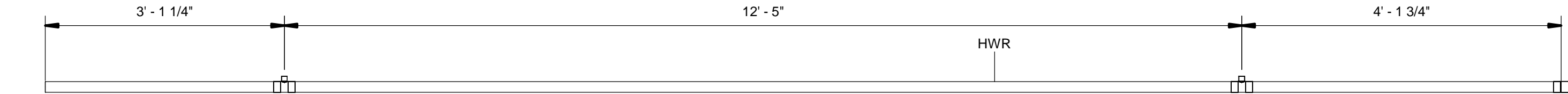
BIM 360//WUSM NRBWUSM_RB_HPF.rvt
04-08-2021 18:00:22

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Cerro Type K Hard Copper Pipe	4'-1"				1 1/2"
02	1	1 1/2"	Cerro Type K Hard Copper Pipe	3'-0 5/8"				1 1/2"
03	1	1 1/2"	Cerro Type K Hard Copper Pipe	12'-3 7/8"				1 1/2"
04	2	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
05	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



1 ISOMETRIC

SCALE:

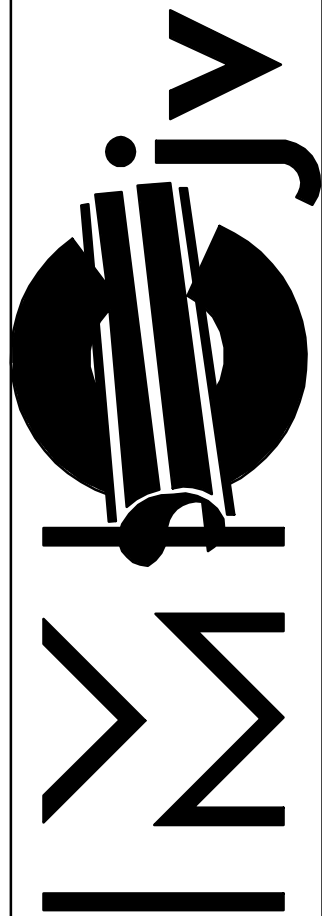


2 LEFT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

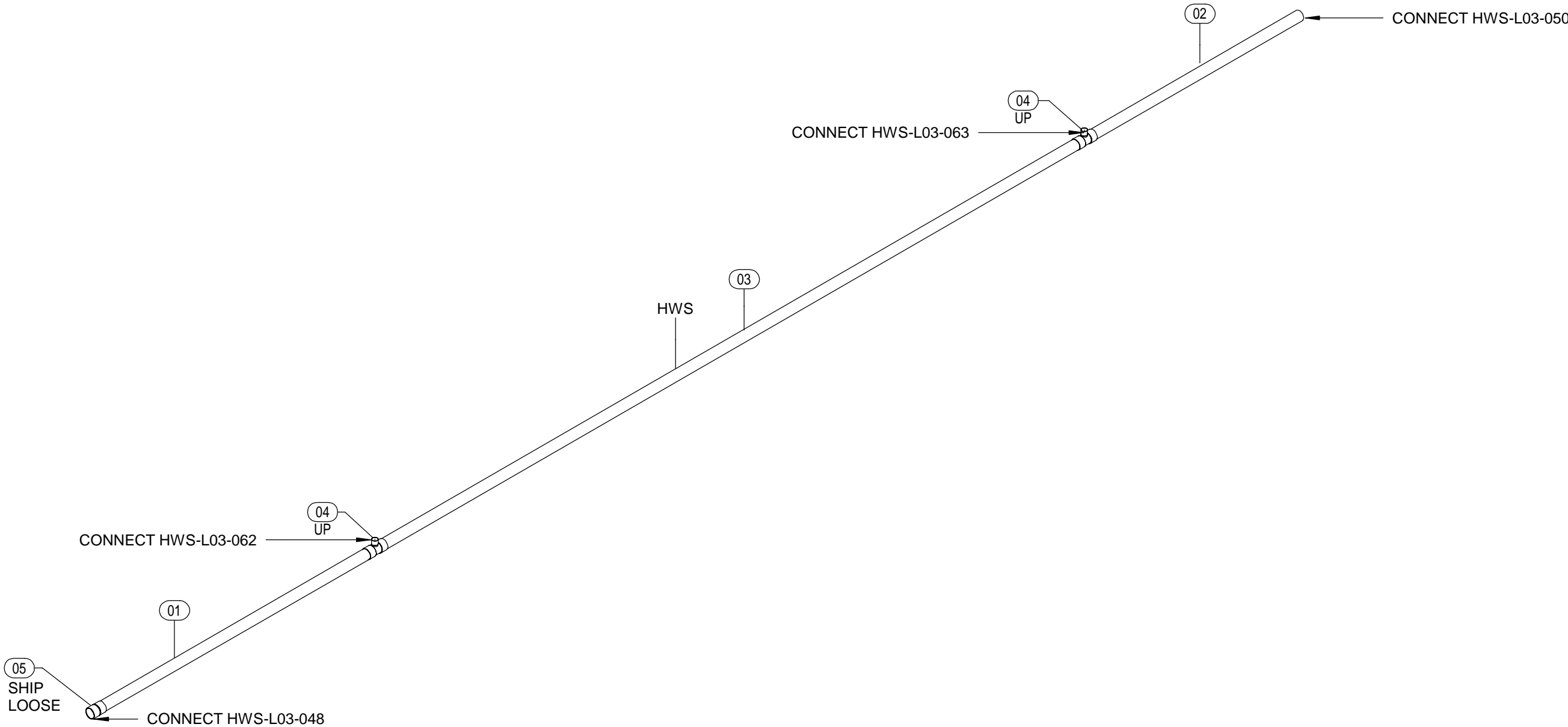
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TICKET: HWR-L03-049
Drawn By: Author
DATE: 08/04/21
DATE REQ:



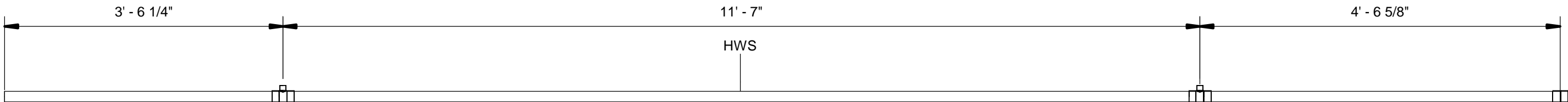
1233 N. Price Rd.
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BIM 360://WUSM NRBWUSM_RB_HPF.rvt
04-08-2021 18:06:55

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Cerro Type K Hard Copper Pipe	4'-6"				1 1/2"
02	1	1 1/2"	Cerro Type K Hard Copper Pipe	3'-5 5/8"				1 1/2"
03	1	1 1/2"	Cerro Type K Hard Copper Pipe	11'-5 7/8"				1 1/2"
04	2	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
05	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



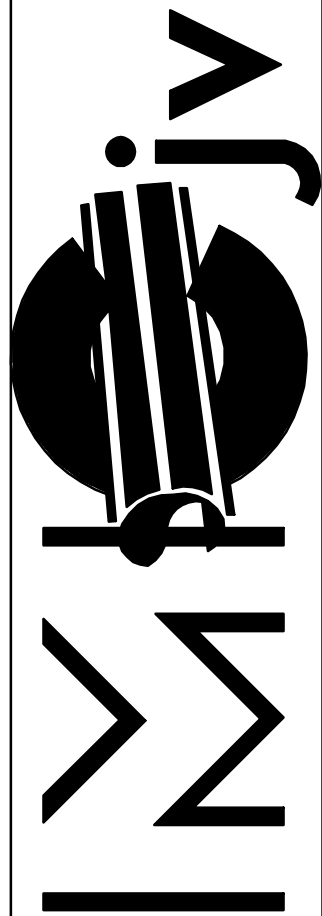
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

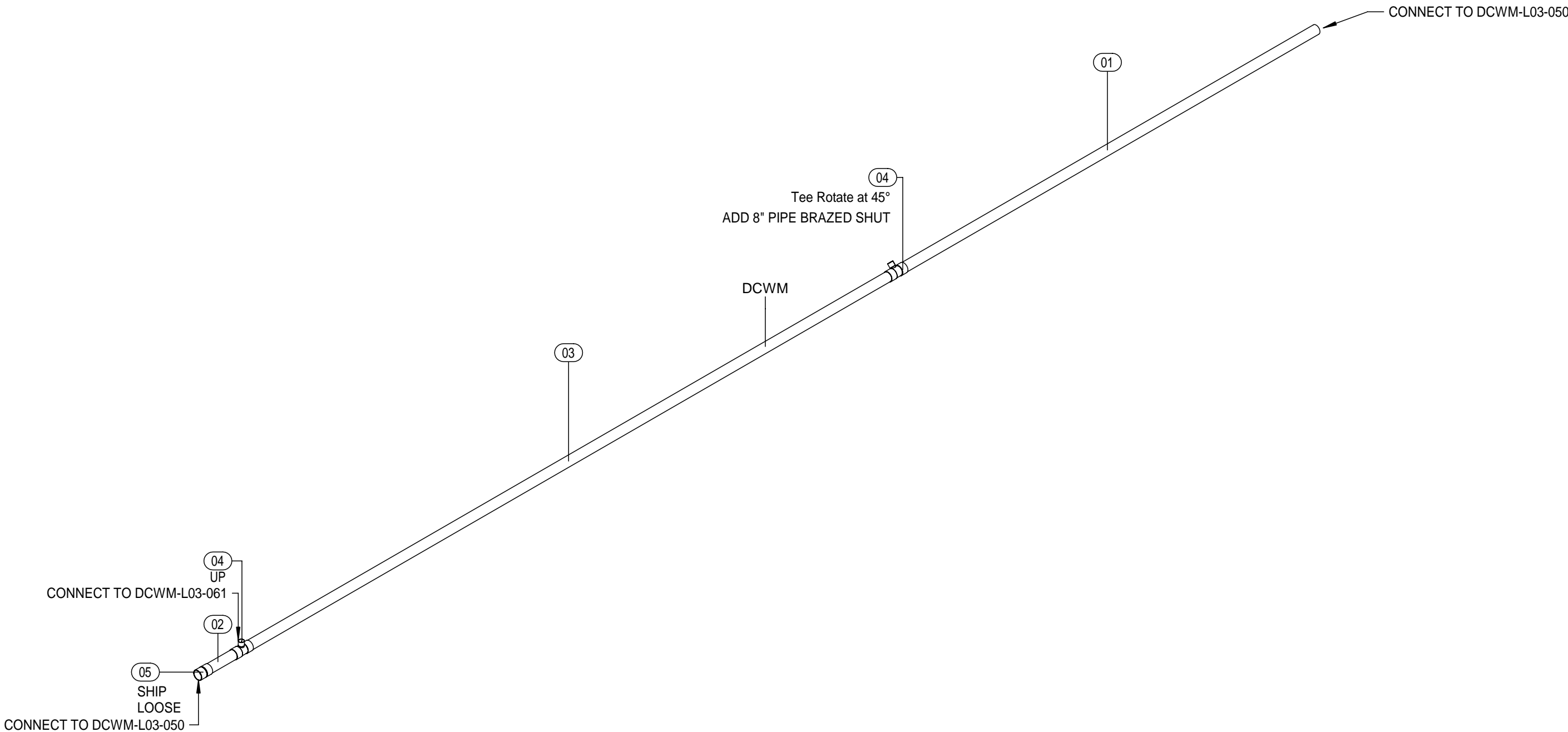
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TICKET:	HWS-L03-049
Drawn By: Author	
DATE: 08/04/21	DATE REQ:



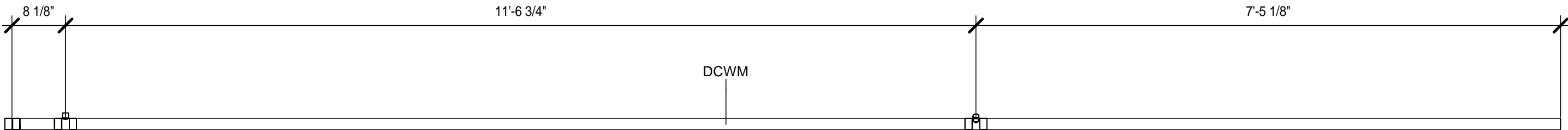
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St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
09-08-2021 16:20:11

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	7'-4 1/2"				1"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	0'-7 7/16"				1"
03	1	1 1/2"	Cerro Type L Hard Copper Pipe	11'-5 9/16"				1"
04	2	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
05	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



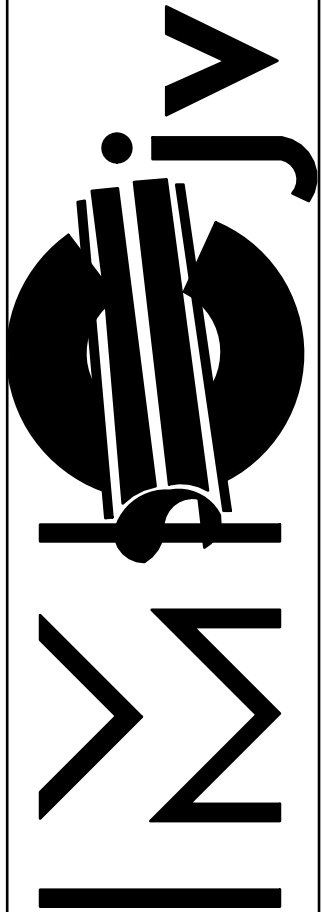
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

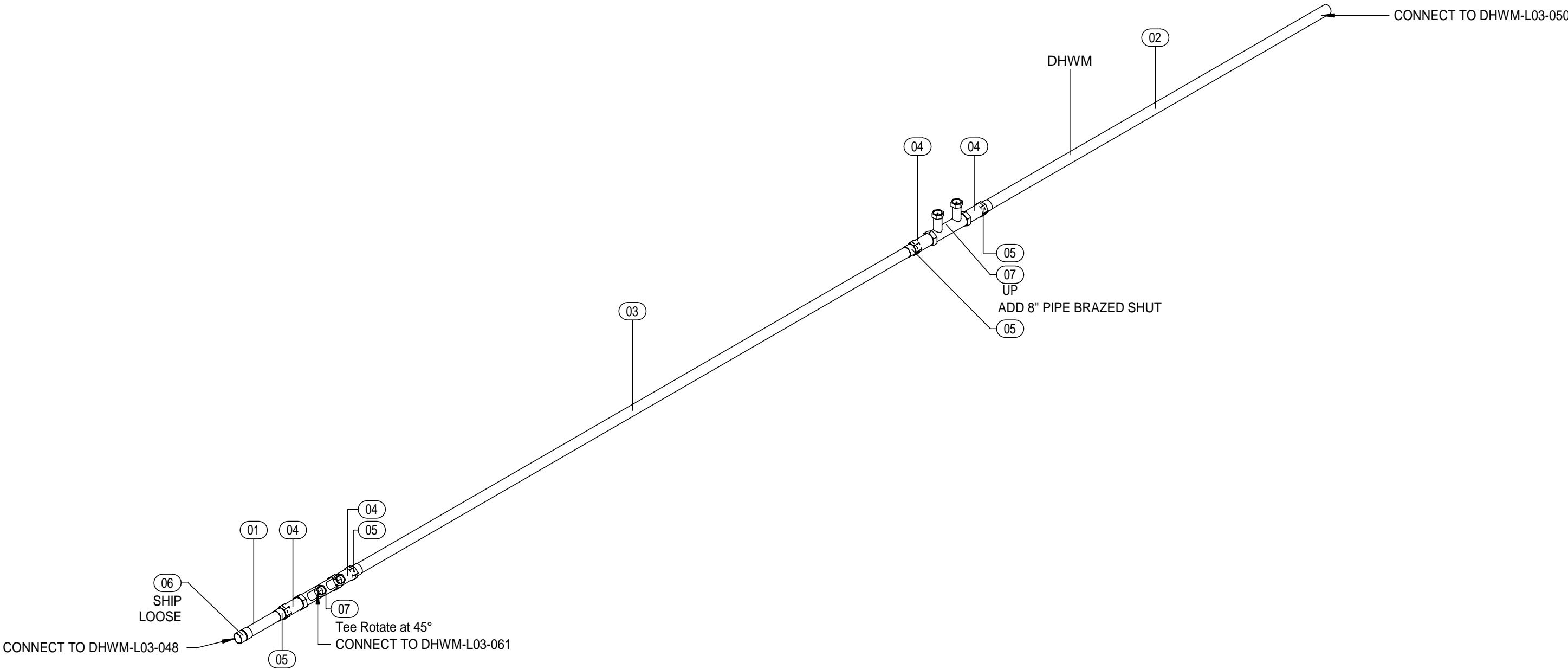
JOB:	WASH U NRB
TICKET:	DCWM-L03-049
Drawn By: Author	
DATE: 08/09/21	DATE REQ:



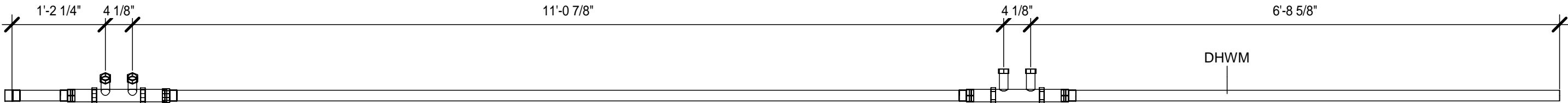
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PLF.rvt
09-08-2021 16:22:31

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Cerro Type L Hard Copper Pipe	0'-8 5/16"				2"
02	1	1 1/2"	Cerro Type L Hard Copper Pipe	6'-2 7/8"				2"
03	1	1 1/2"	Cerro Type L Hard Copper Pipe	10'-1 1/2"				2"
04	4	1 1/2"	Victaulic No.647 TT Dielectric Transition Fitting					2"
05	4	1 1/2"	Nibco Wrot 603 Adapter CxF					2"
06	1	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					2"
07	2	1 1/2"x1"	Kemper Kemper Fig651 20 KHS Flow-Splitter FPT					2"



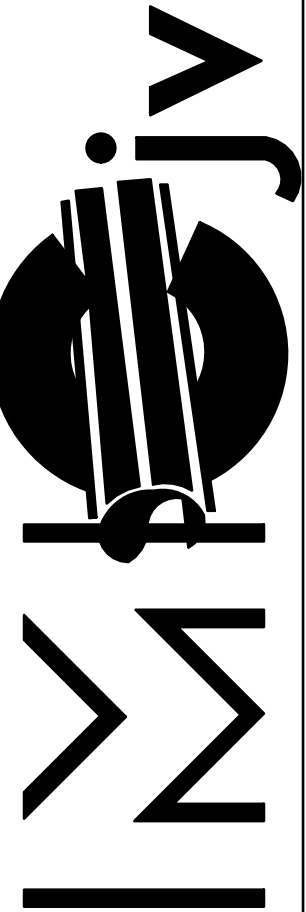
1 ISOMETRIC
SCALE:



2 RIGHT ELEVATION
SCALE: 3/4\"/>

A1	A3	B1	B3
A2	A4	B2	B4

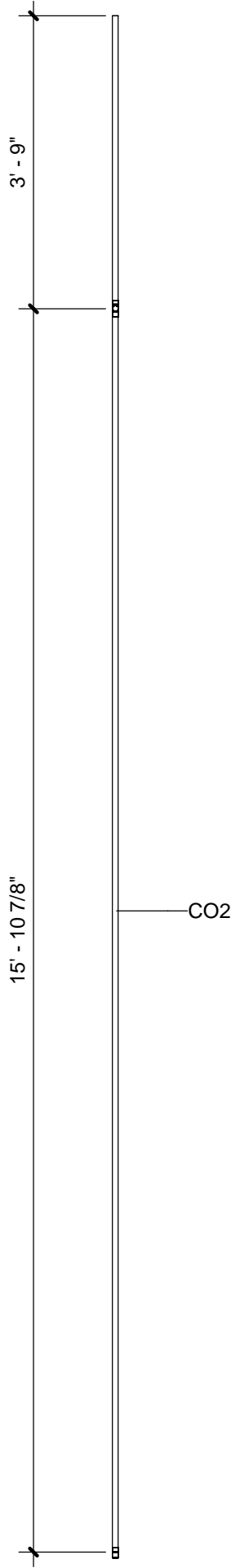
JOB:	WASH U NRB
TICKET:	DHWM-L03-049
Drawn By: Author	
DATE: 08/09/21	DATE REQ:



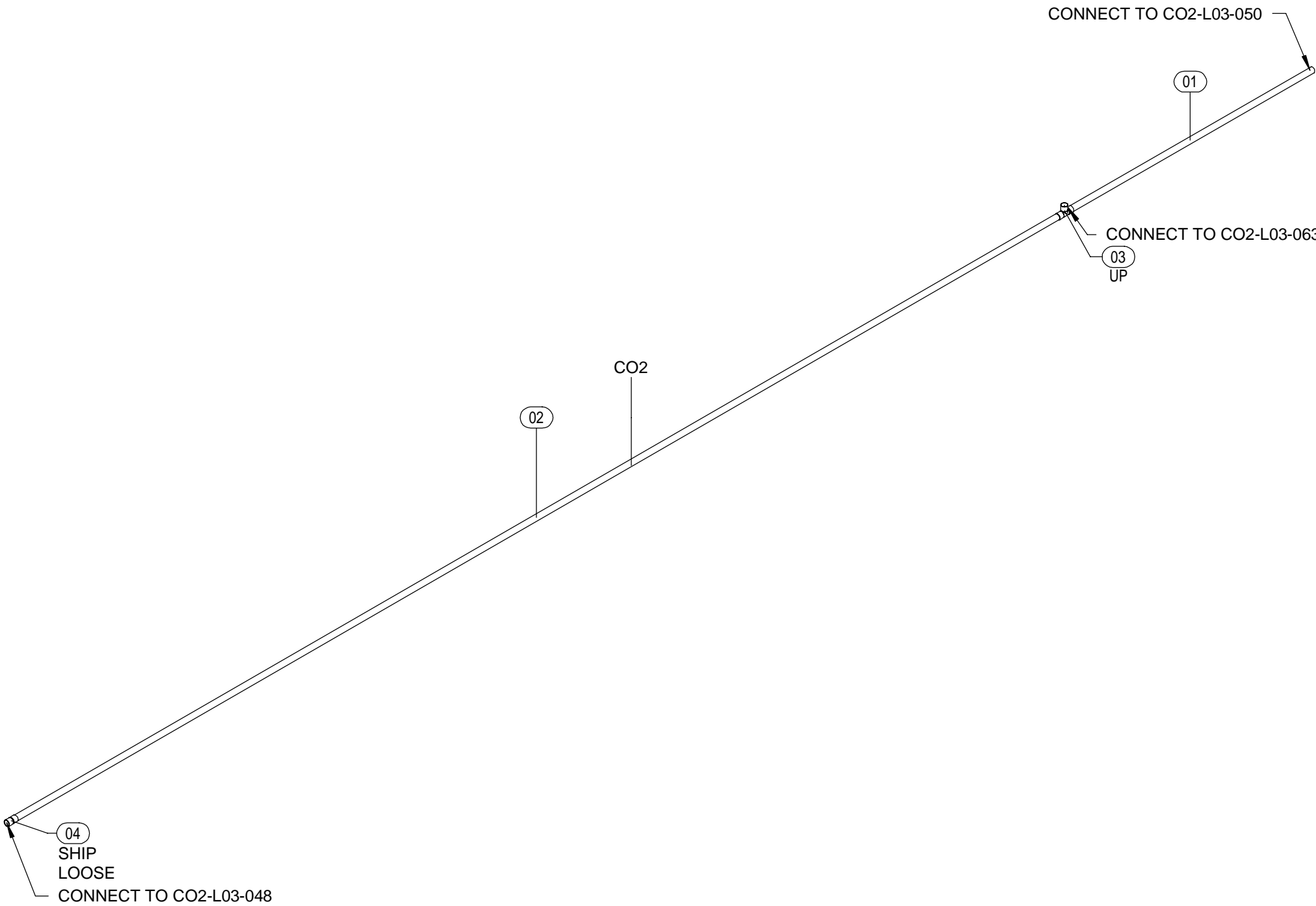
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360//WUSM NRBWUSM_RB_PUF.rvt
13-08-2021 16:05:46

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-8 1/4"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	15'-10 7/16"				
03	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee					
04	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					



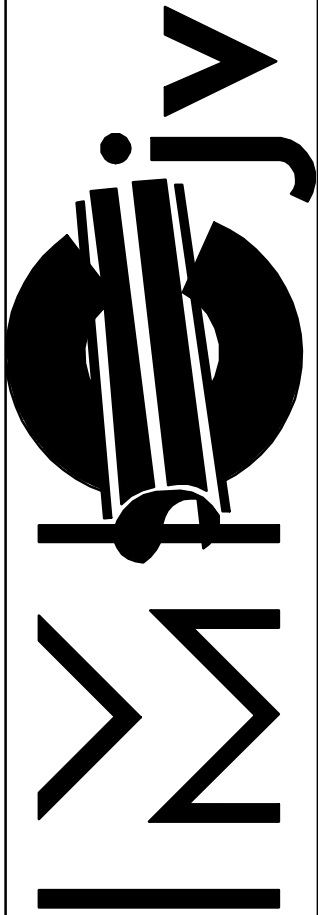
2 TOP VIEW
SCALE: 1/2" = 1'-0"



1 ISOMETRIC
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

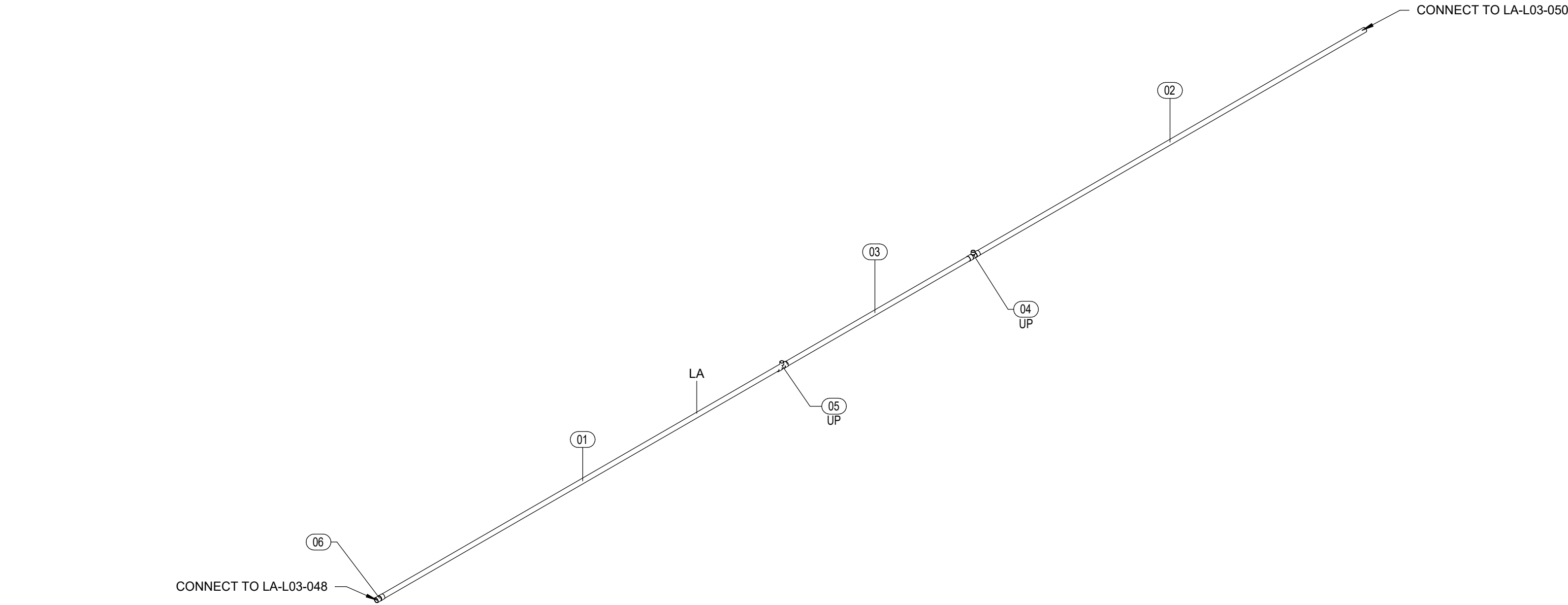
JOB:	WASH U NRB
TICKET:	CO2-L03-049
Drawn By: Author	
DATE: 08/13/21	DATE REQ:



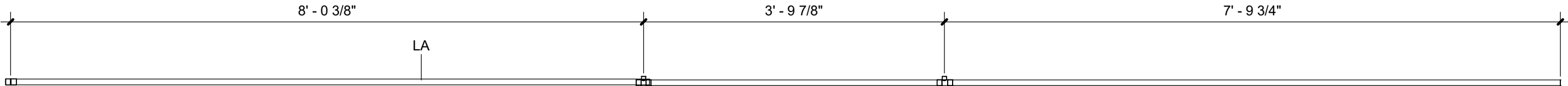
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
1/11/2022 8:35:57 AM

Mark	Qty	Size	Description	Length	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	8'-1 1/4"	
02	1	3/4"	Cerro Type L Hard Copper - CFOS	7'-9 1/4"	
03	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-9"	
04	1	3/4"x1/2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
05	1	3/4"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
06	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		



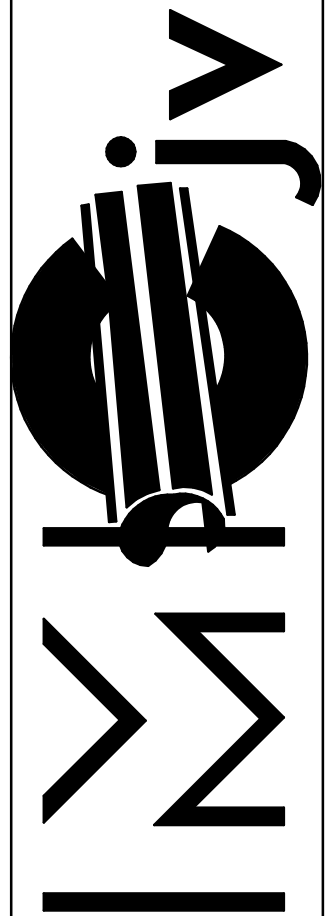
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

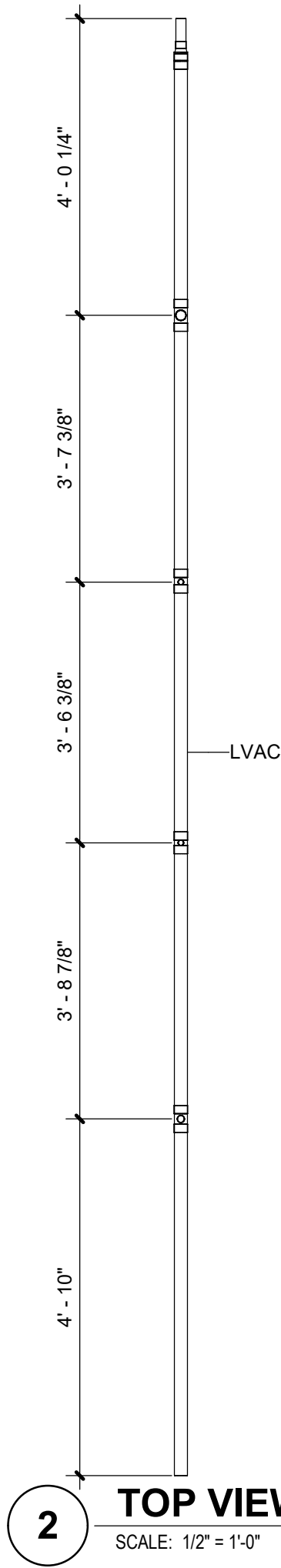
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TICKET:	LA-L03-049
Drawn By: Author	
DATE: 08/16/21	DATE REQ:



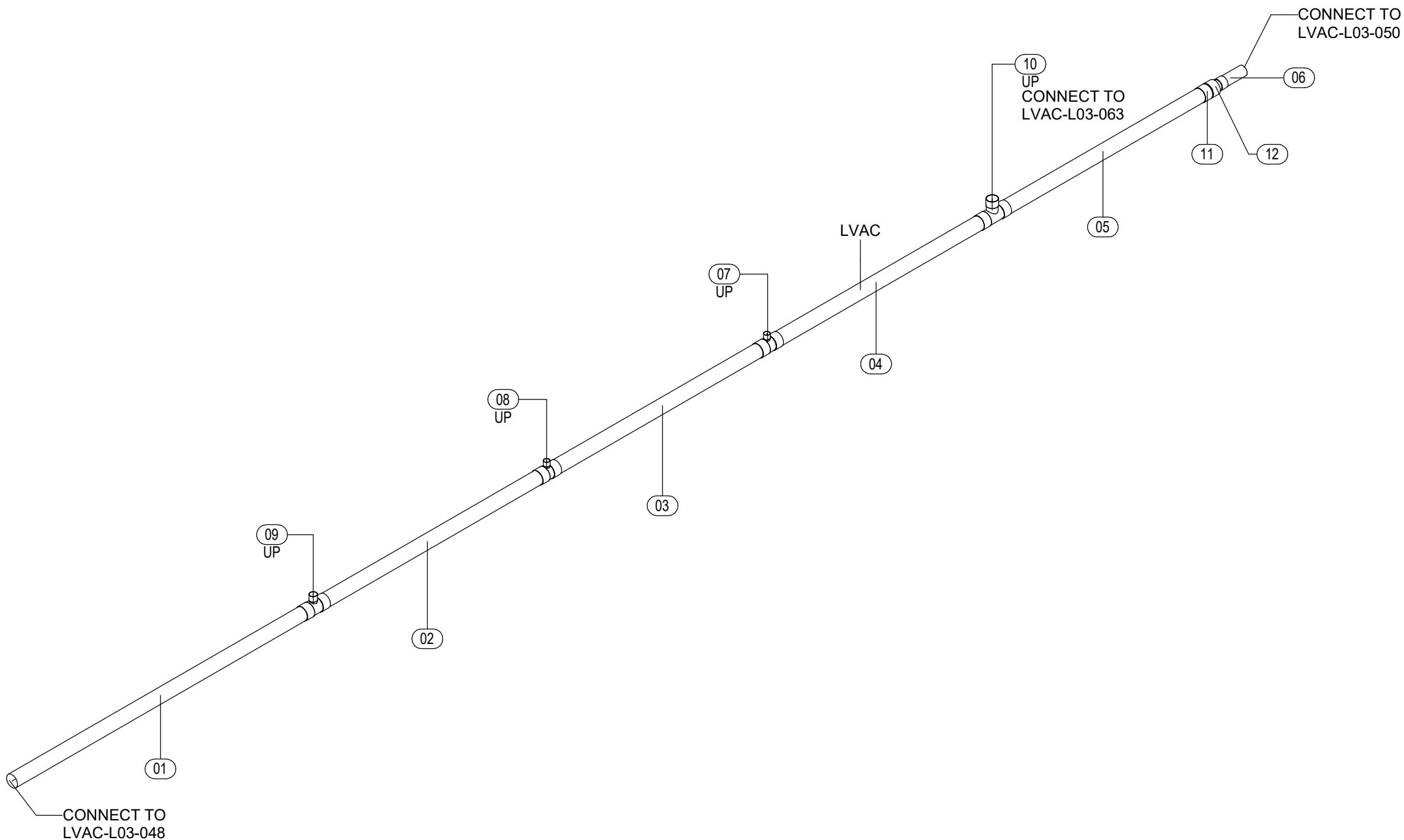
1233 N. Price Rd.
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314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
1/11/2022 8:36:13 AM

Mark	Qty	Size	Description	Length	Insulation
01	1	2"	Cerro Type L Hard Copper - CFOS	4'-9 1/8"	
02	1	2"	Cerro Type L Hard Copper - CFOS	3'-7 5/8"	
03	1	2"	Cerro Type L Hard Copper - CFOS	3'-5 1/2"	
04	1	2"	Cerro Type L Hard Copper - CFOS	3'-5 3/8"	
05	1	2"	Cerro Type L Hard Copper - CFOS	3'-4 1/8"	
06	1	1 1/2"	Cerro Type L Hard Copper - CFOS	0'-4 7/8"	
07	1	2"x3/4"x2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
08	1	2"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
09	1	2"x1"x2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
10	1	2"x1 1/2"x2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee		
11	1	2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		
12	1	2"x1 1/2"	Nibco 600-2-CB CFOS Wrot Copper Fitting Reducer FTGxC		



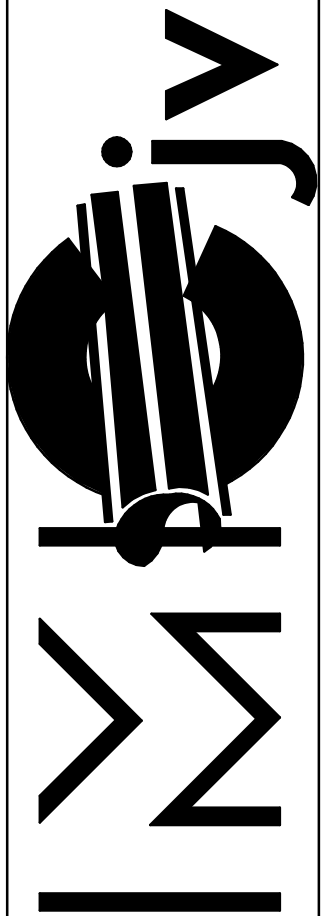
TOP VIEW
SCALE: 1/2" = 1'-0"



ISOMETRIC
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

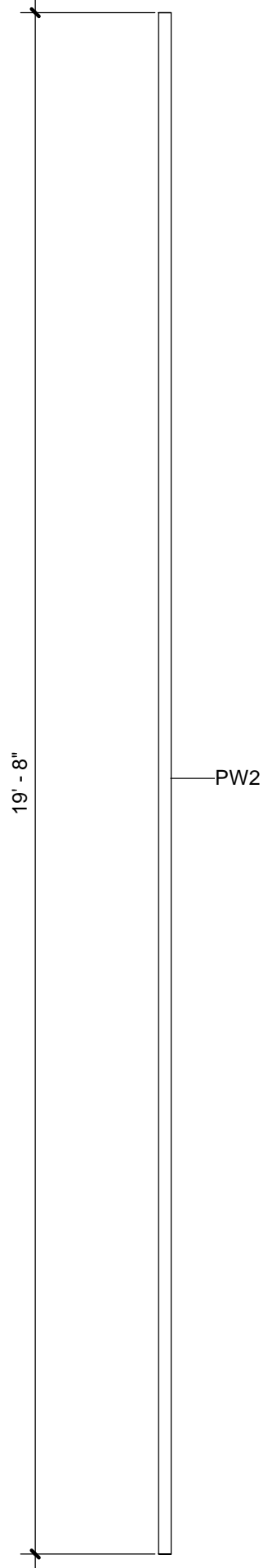
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TICKET:	LVAC-L03-049
Drawn By: Author	
DATE: 08/13/21	DATE REQ:



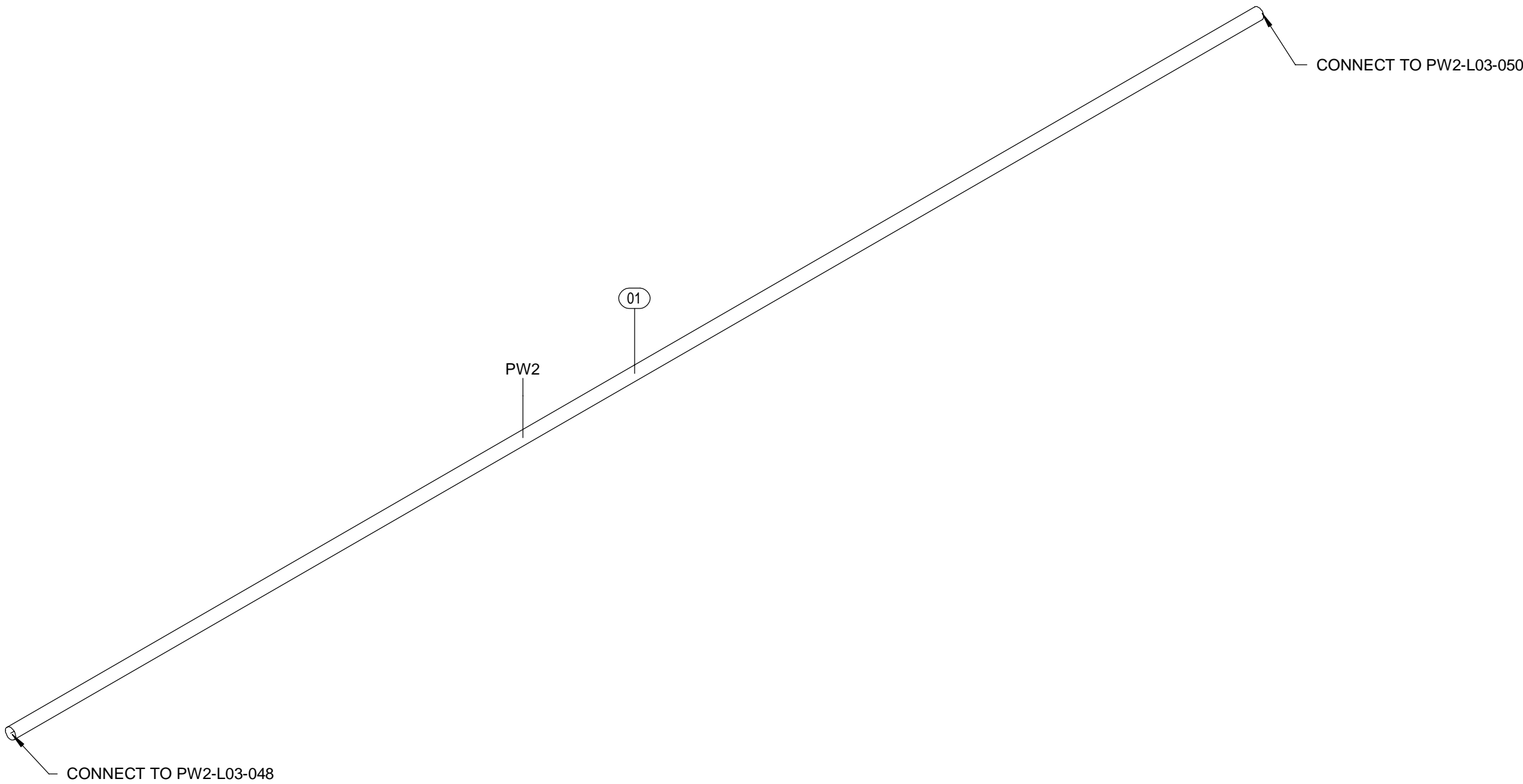
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360//WUSM NRB\\WUSM_RB_PUF.rvt
13-08-2021 16:22:43

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1 1/2"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	19'-8"				



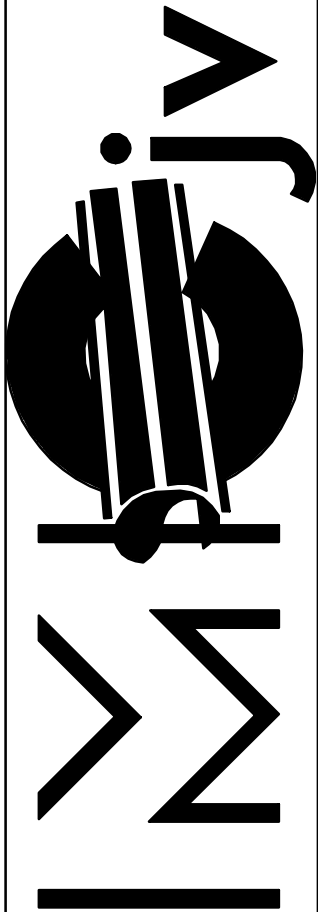
2 TOP VIEW
SCALE: 1/2" = 1'-0"



1 ISOMETRIC
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: PW2-L03-049
Drawn By: Author
DATE: 08/13/21 DATE REQ:



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