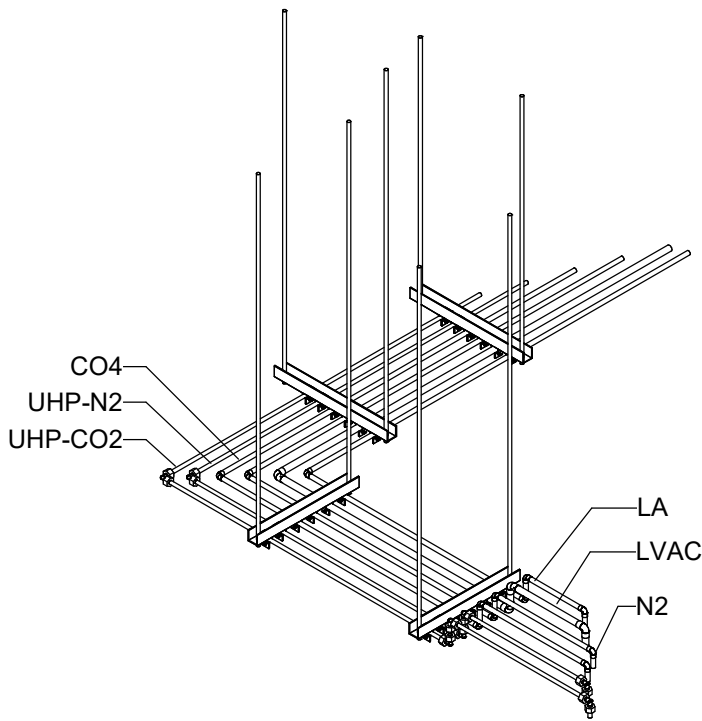
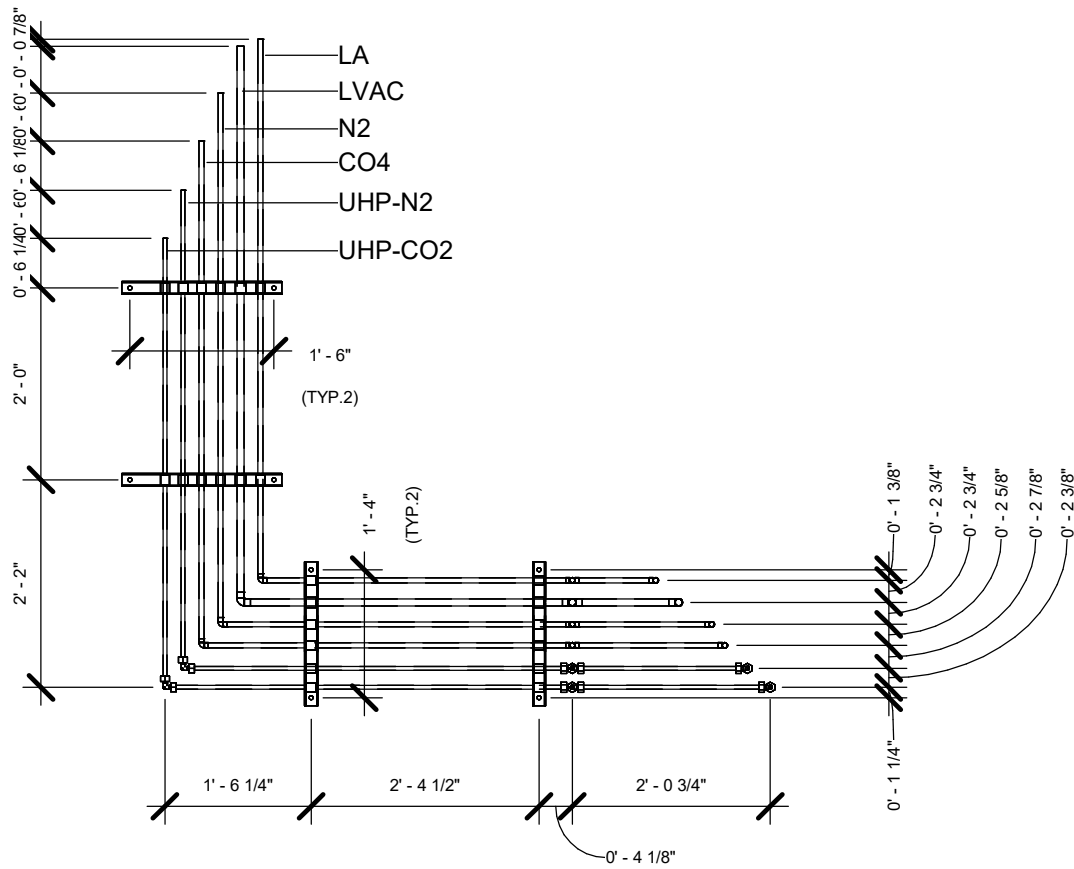


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9/14/2021 8:16:17 AM



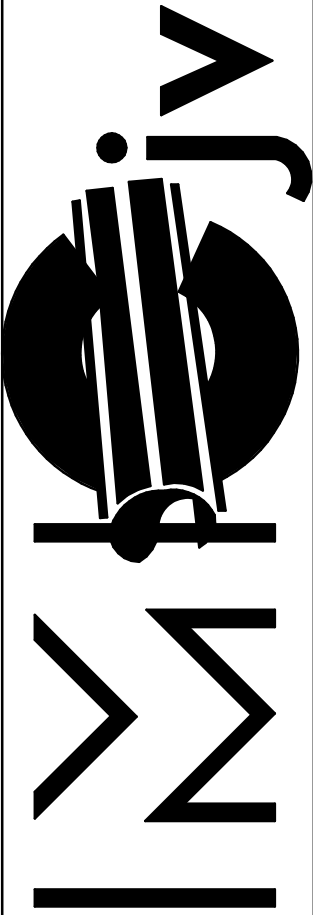
CUT AND PACKAGE ONLY
DO NOT ASSEMBLE

2 AS-L03-109 - ISOMETRIC
AS-L03-109 SCALE:



1 AS-L03-109
AS-L03-109 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

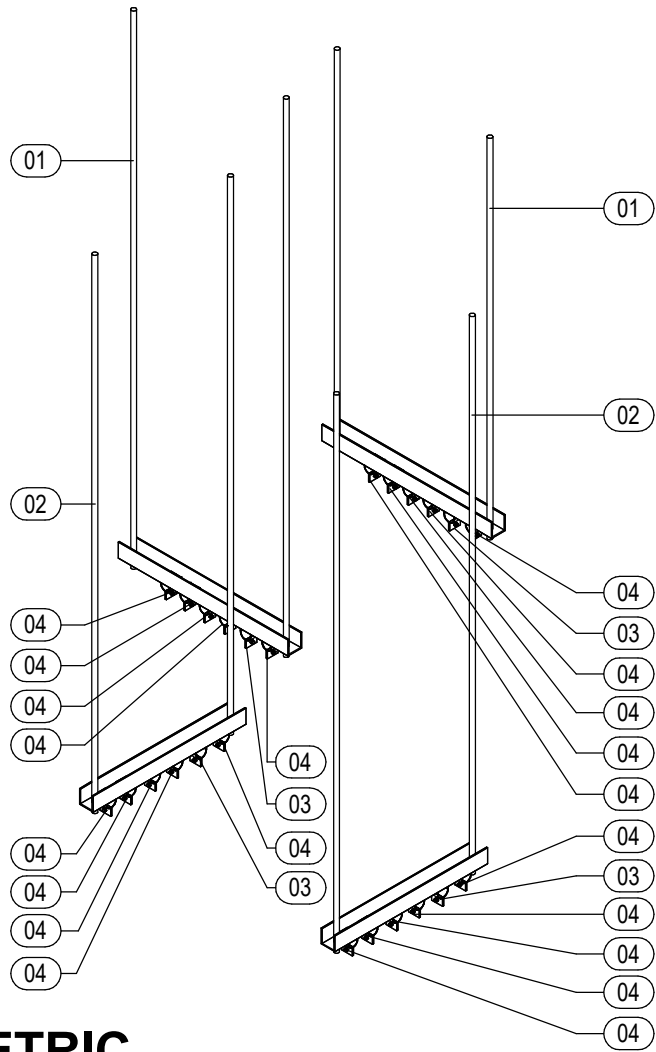


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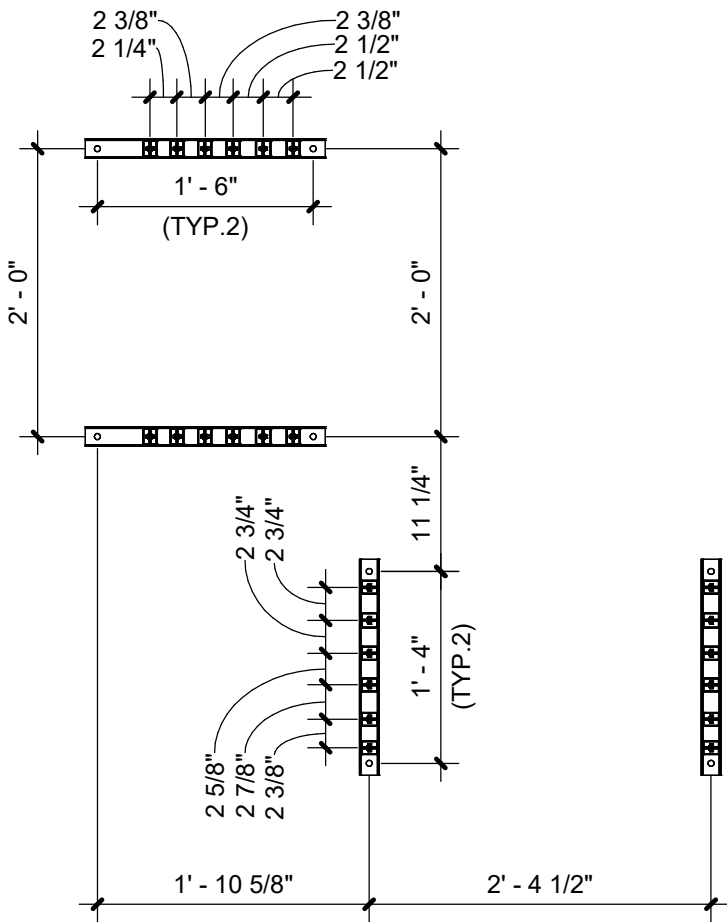
JOB:	WASH U NRB
TICKET:	AS-L03-109
Drawn By: Author	
DATE: 08/30/21	DATE REQ:

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
8/30/2021 11:55:25 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	2	16"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut					
02	2	14"	B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut					
03	4	0.75"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
04	20	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					



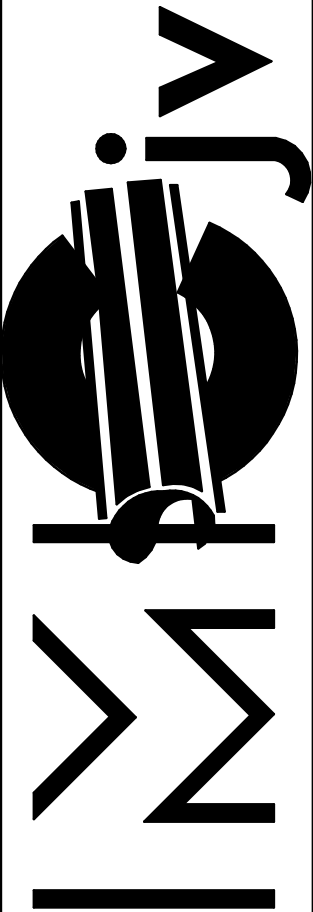
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PUHGR-L03-109
Drawn By: Author	
DATE: 08/11/21	DATE REQ:



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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
8/30/2021 11:48:16 AM

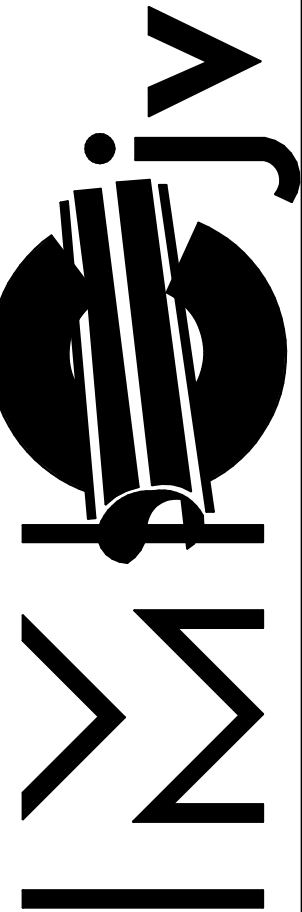
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	5'-2 3/4"				
02	1	1/2"	Cerro Type L Hard Copper - CFOS	3'-9 11/16"				
03	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-3 1/16"				
04	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-2 1/16"				
05	1	1/2"	Cerro Type L Hard Copper - CFOS	1'-6 3/8"				
06	4	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					

JOB: WASH U NRB

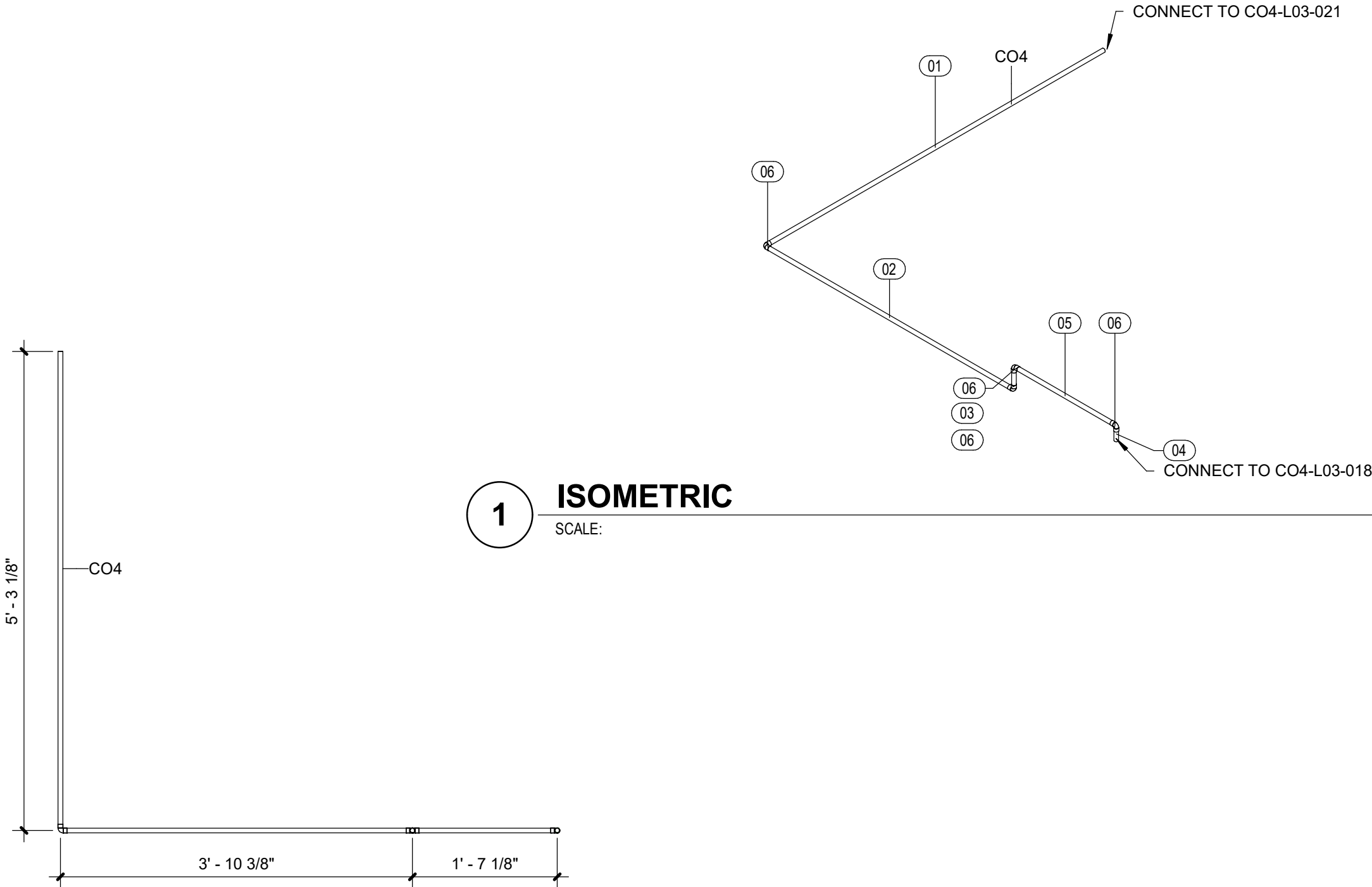
TICKET: CO4-L03-109

Drawn By: Author

DATE REQ: 08/12/21

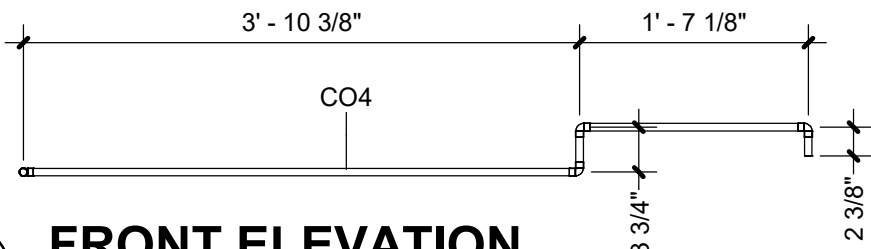


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1 ISOMETRIC
SCALE:

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

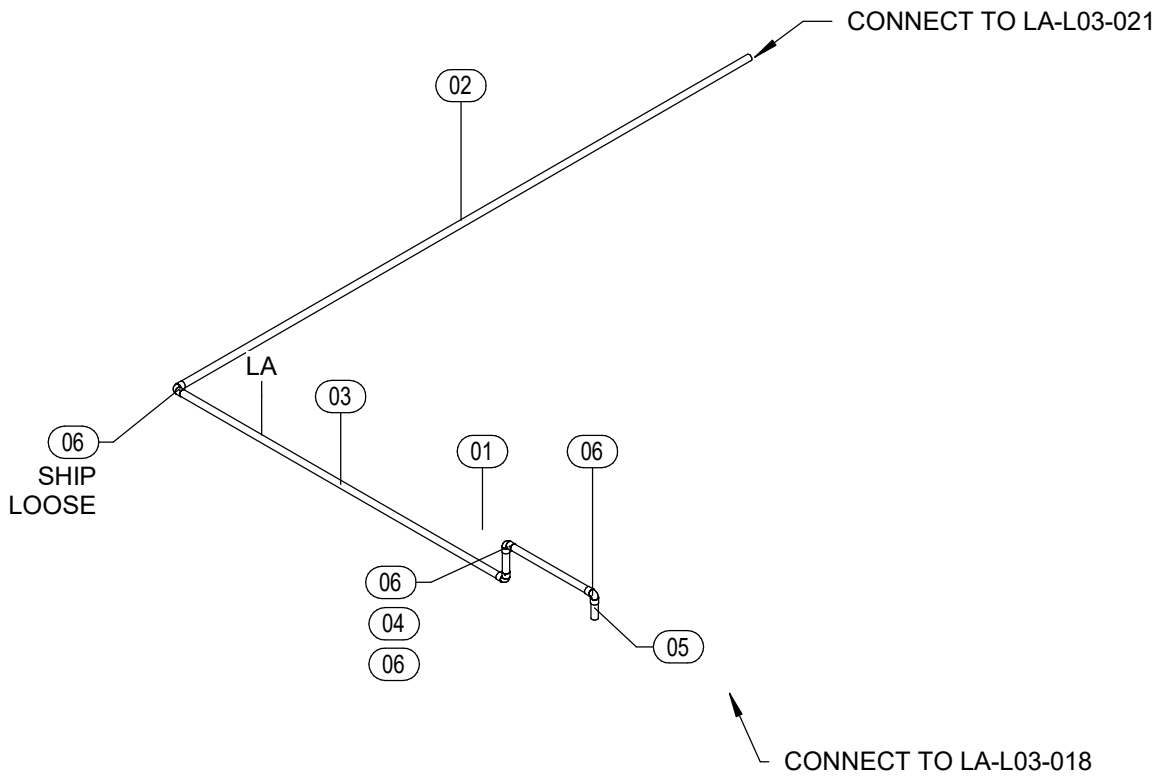


3 FRONT ELEVATION
SCALE: 3/4" = 1'-0"

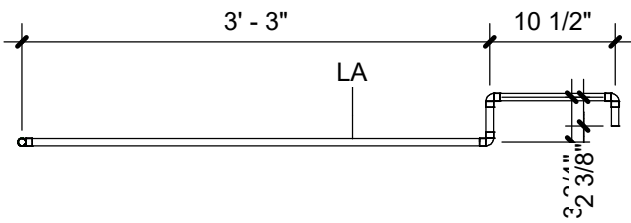
A1	A3	B1	B3
A2	A4	B2	B4

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
9/13/2021 2:34:06 PM

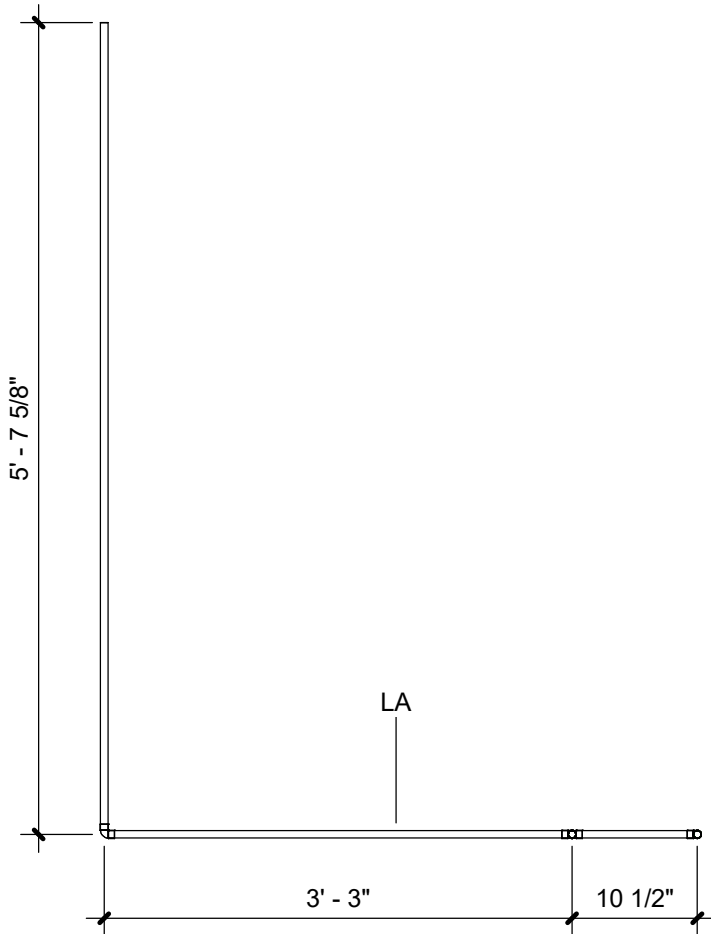
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-9 3/4"				
02	1	1/2"	Cerro Type L Hard Copper - CFOS	5'-7 5/16"				
03	1	1/2"	Cerro Type L Hard Copper - CFOS	3'-2 5/16"				
04	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-3 1/16"				
05	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-2 1/16"				
06	4	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					



1 ISOMETRIC
SCALE:



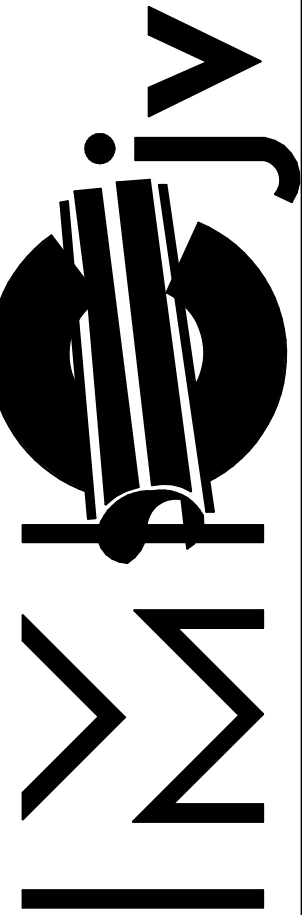
2 FRONT ELEVATION
SCALE: 3/4" = 1'-0"



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

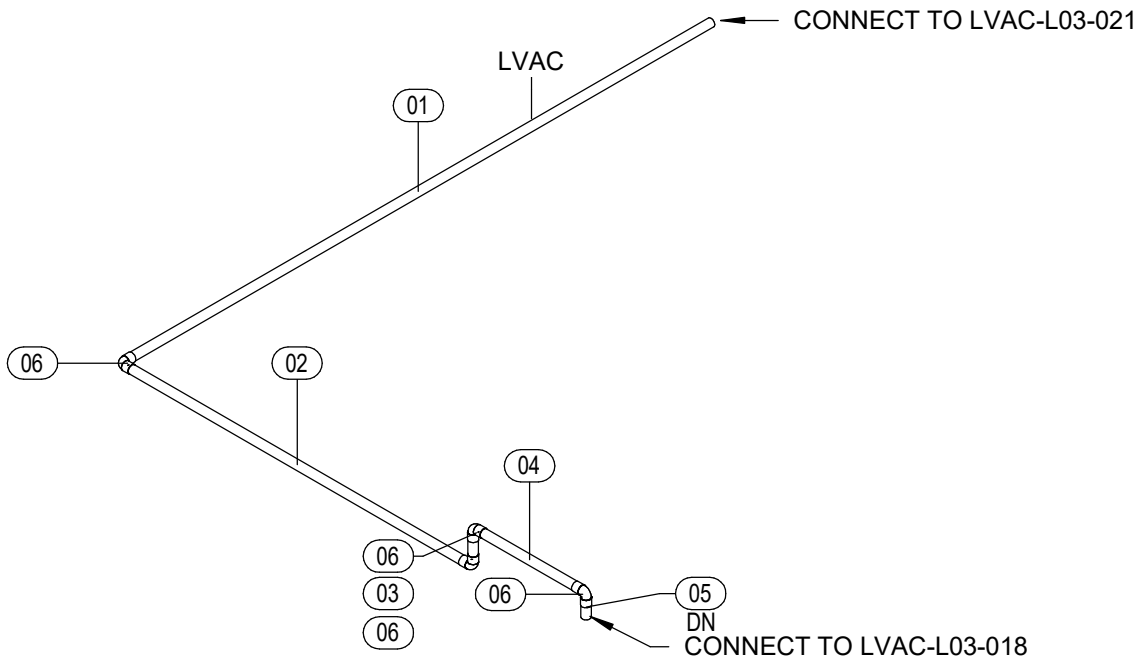
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: LA-L03-099
Drawn By: Author
DATE: 08/12/21
DATE REQ:

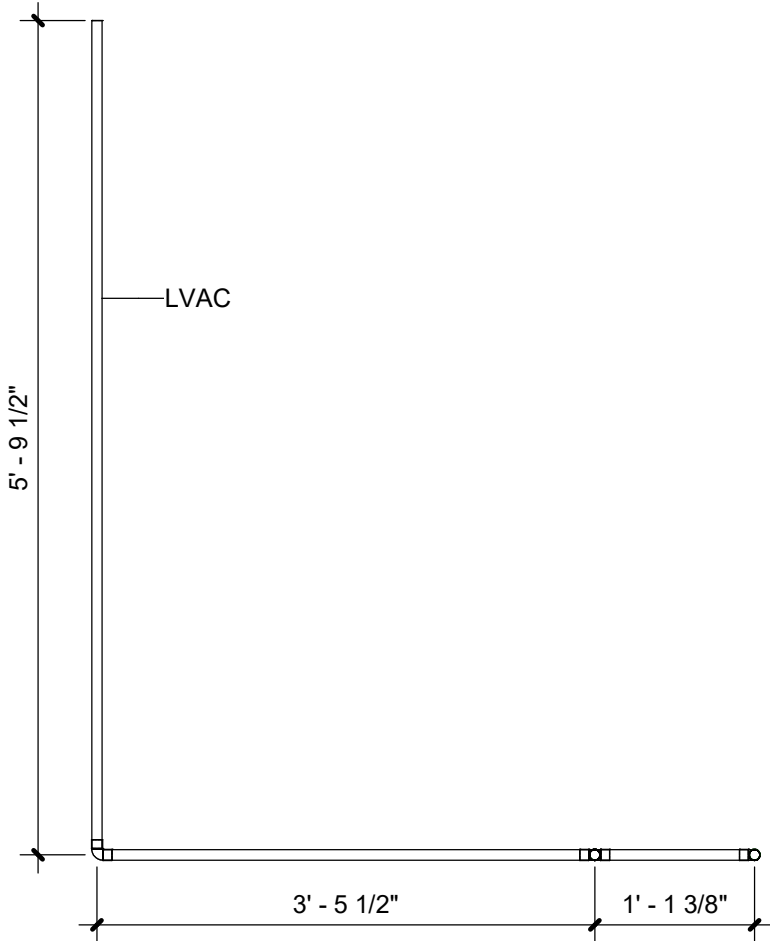


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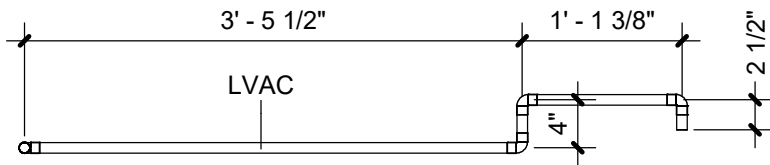
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8/30/2021 11:33:21 AM



1 ISOMETRIC
SCALE:



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

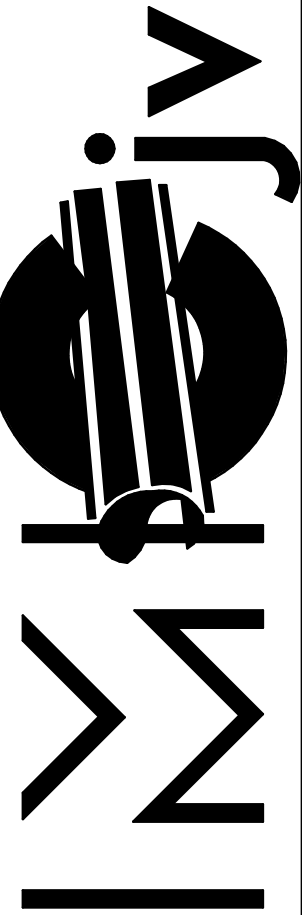


3 FRONT ELEVATION
SCALE: 3/4" = 1'-0"

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	3/4"	Cerro Type L Hard Copper - CFOS	5'-9"				
02	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-4 1/2"				
03	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-3"				
04	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-0 5/16"				
05	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-2"				
06	4	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow					

JOB:	WASH U NRB
TICKET:	LVAC-L03-109
Drawn By: Author	
DATE: 08/12/21	DATE REQ:

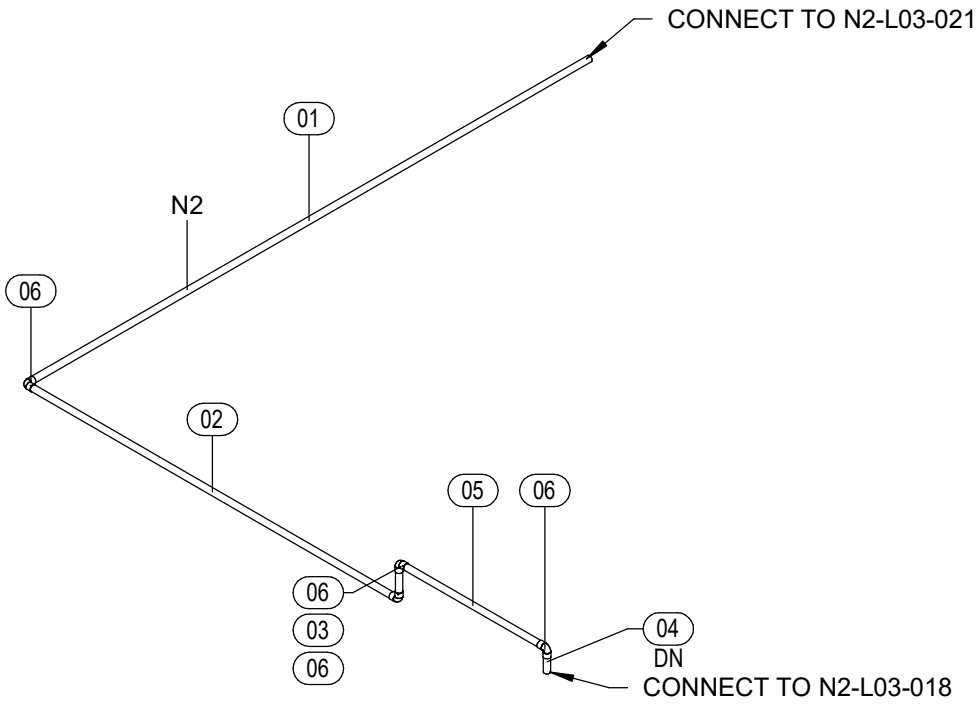
A1	A3	B1	B3
A2	A4	B2	B4



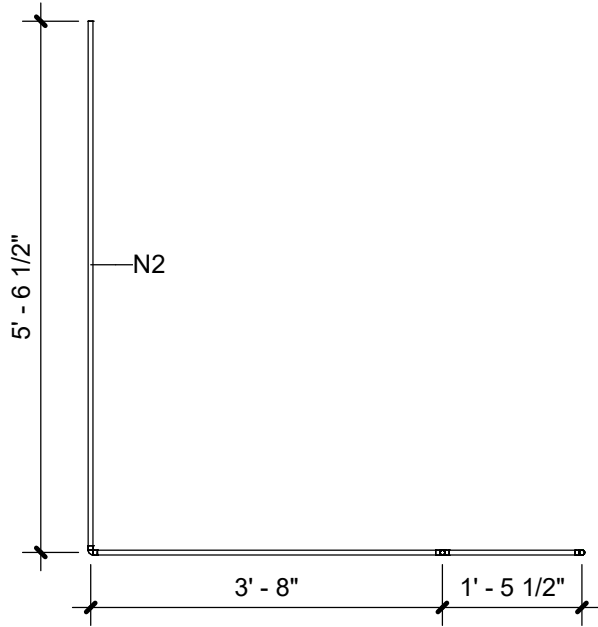
1233 N. Price Rd.
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
8/30/2021 11:54:02 AM

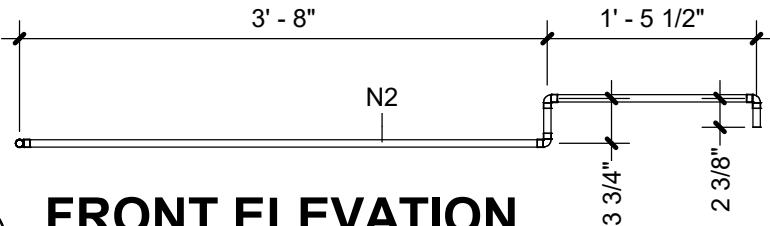
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1/2"	Cerro Type L Hard Copper - CFOS	5'-6 1/8"				
02	1	1/2"	Cerro Type L Hard Copper - CFOS	3'-7 5/16"				
03	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-3 1/16"				
04	1	1/2"	Cerro Type L Hard Copper - CFOS	0'-2 1/16"				
05	1	1/2"	Cerro Type L Hard Copper - CFOS	1'-4 3/4"				
06	4	1/2"	Nibco 607-CB CFOS Wrot 90 Elbow					



1 ISOMETRIC
SCALE:



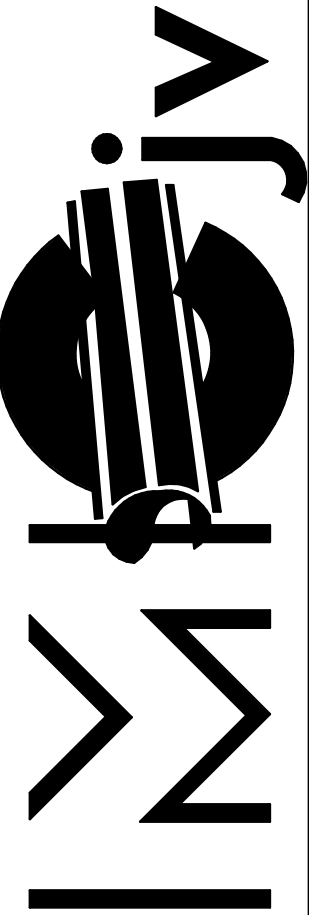
2 TOP VIEW
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

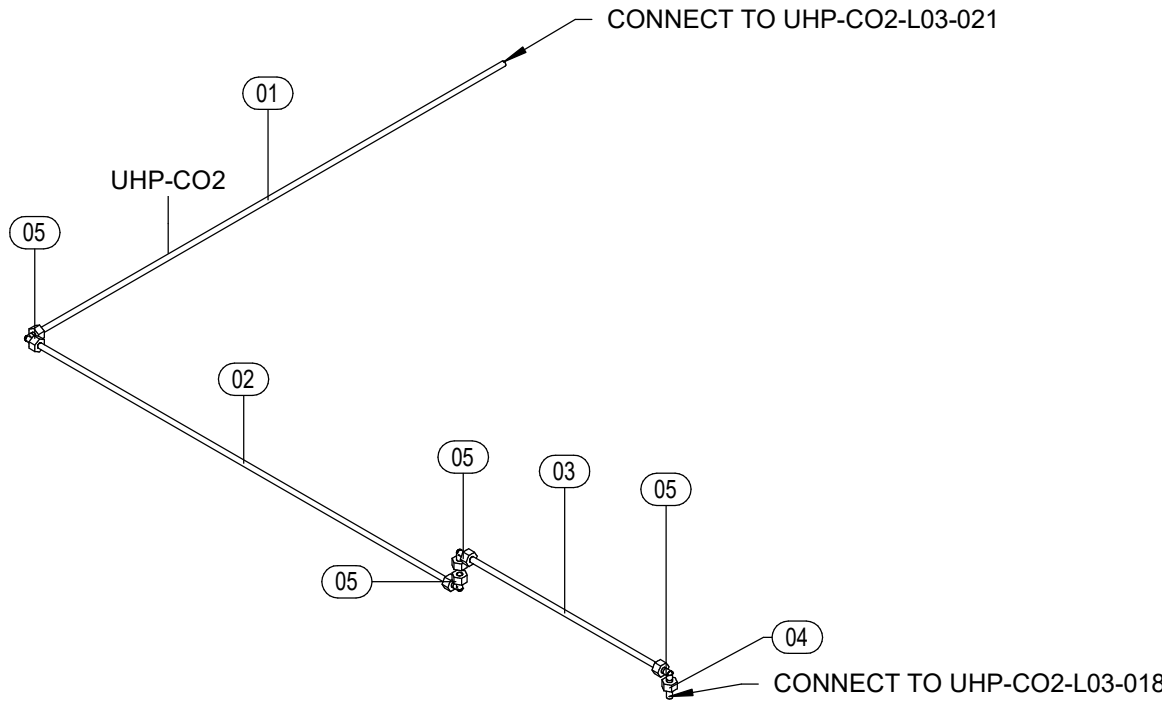
JOB: WASH U NRB
TICKET: N2-L03-109
Drawn By: Author
DATE: 08/12/21
DATE REQ:



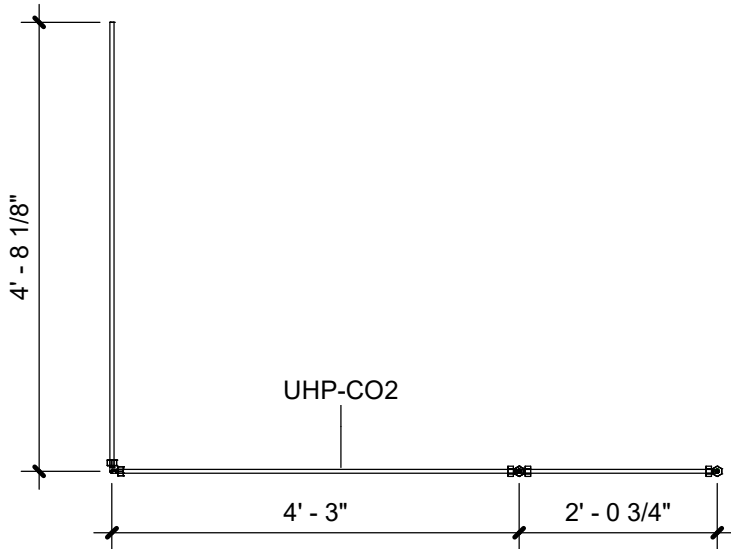
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BIM 360://WUSM NRBWUSM_RB_PUF.rvt
8/30/2021 11:56:09 AM

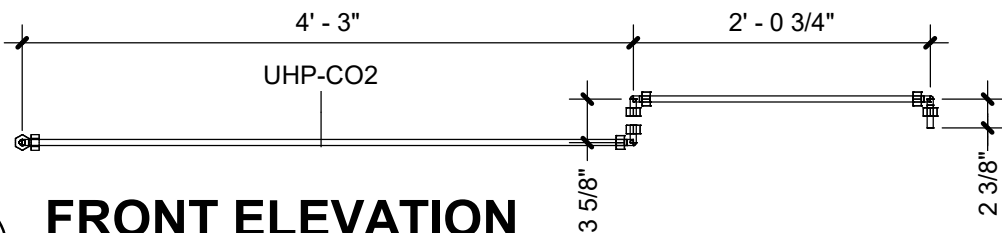
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	4'-7 5/8"				
02	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	4'-1 7/8"				
03	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-11 11/16"				
04	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-1 7/8"				
05	4	1/2"	Swagelok SS316 Compression Union 90 Elbow					



1 ISOMETRIC
SCALE:



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



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

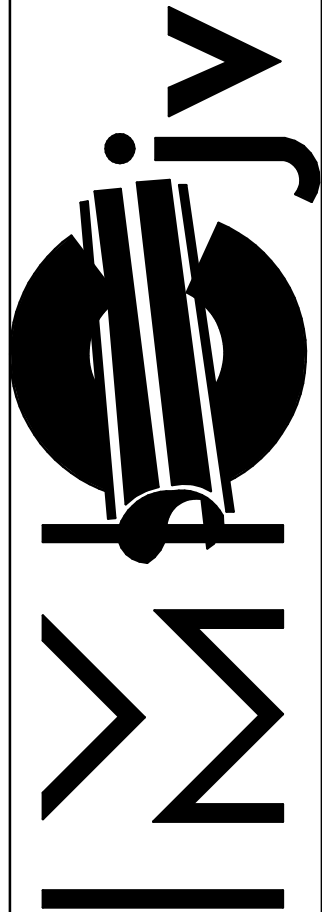
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: UHP-CO2-L03-109

Drawn By: Author

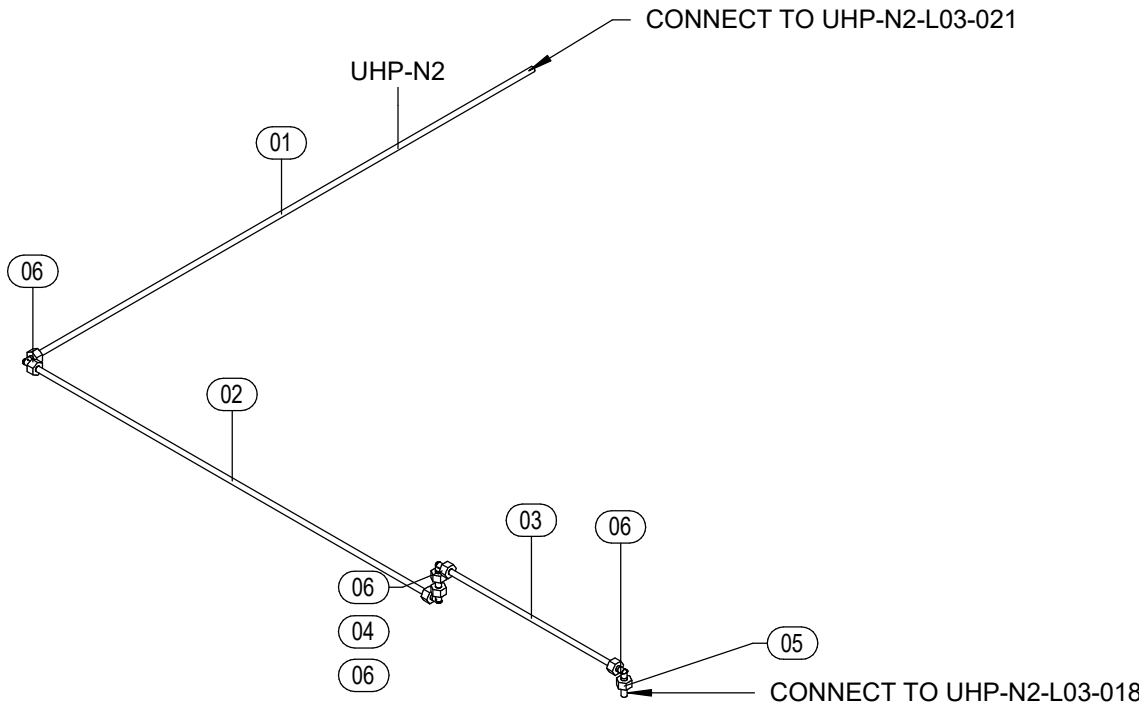
DATE: 08/12/21 DATE REQ:



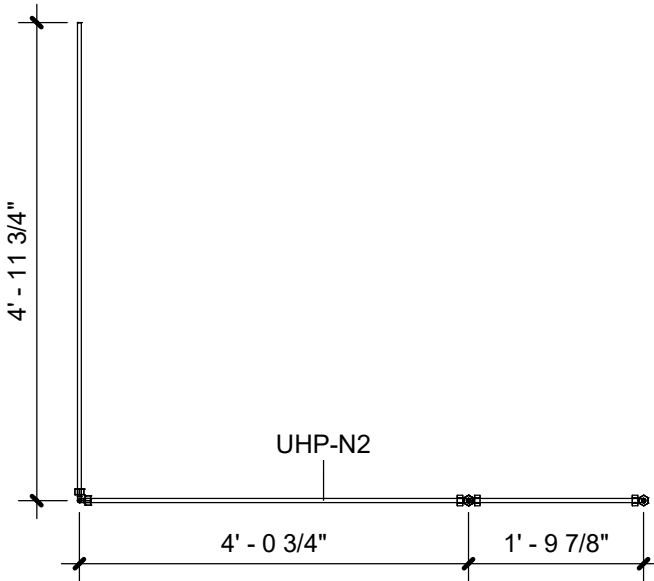
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314-997-6600 phone

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8/30/2021 11:56:59 AM

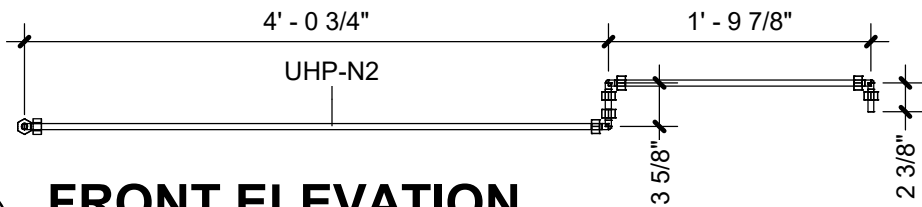
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
01	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	4'-11 1/4"				
02	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	3'-11 5/8"				
03	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-8 13/16"				
04	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-2 9/16"				
05	1	1/2"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-1 7/8"				
06	4	1/2"	Swagelok SS316 Compression Union 90 Elbow					



1 ISOMETRIC
SCALE:



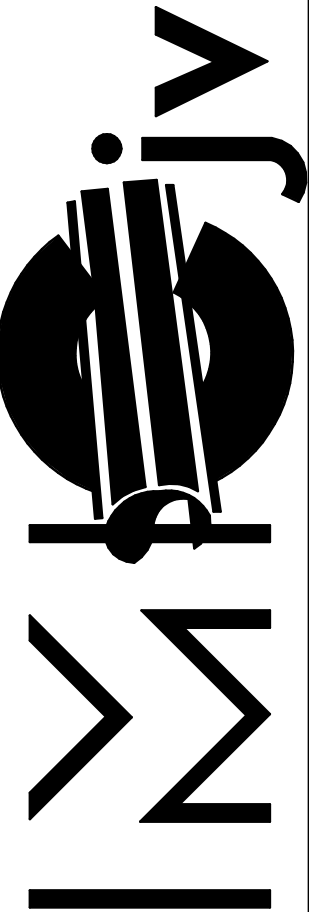
2 TOP VIEW
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	UHP-N2-L03-109
Drawn By: Author	
DATE: 08/12/21	DATE REQ:



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