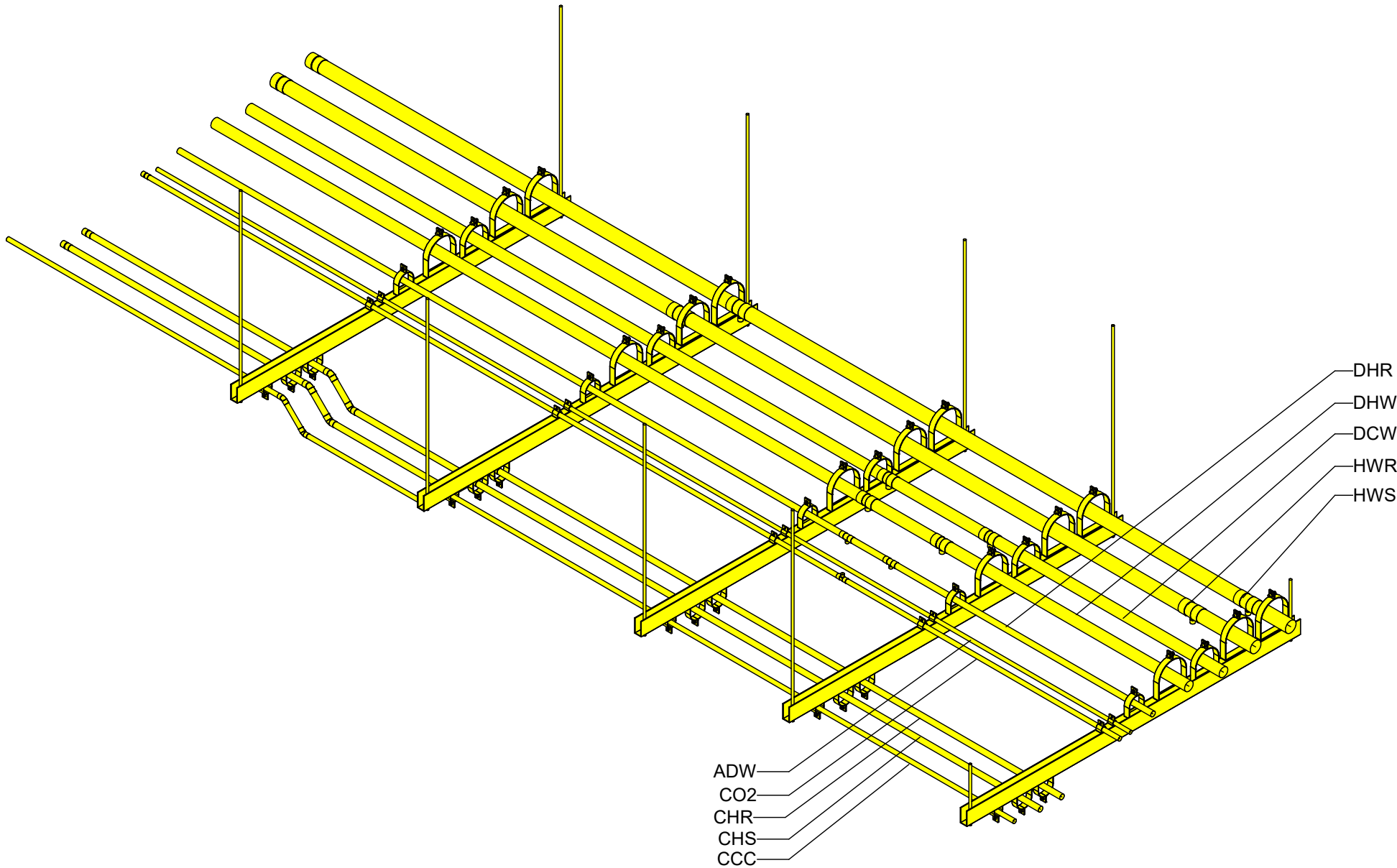
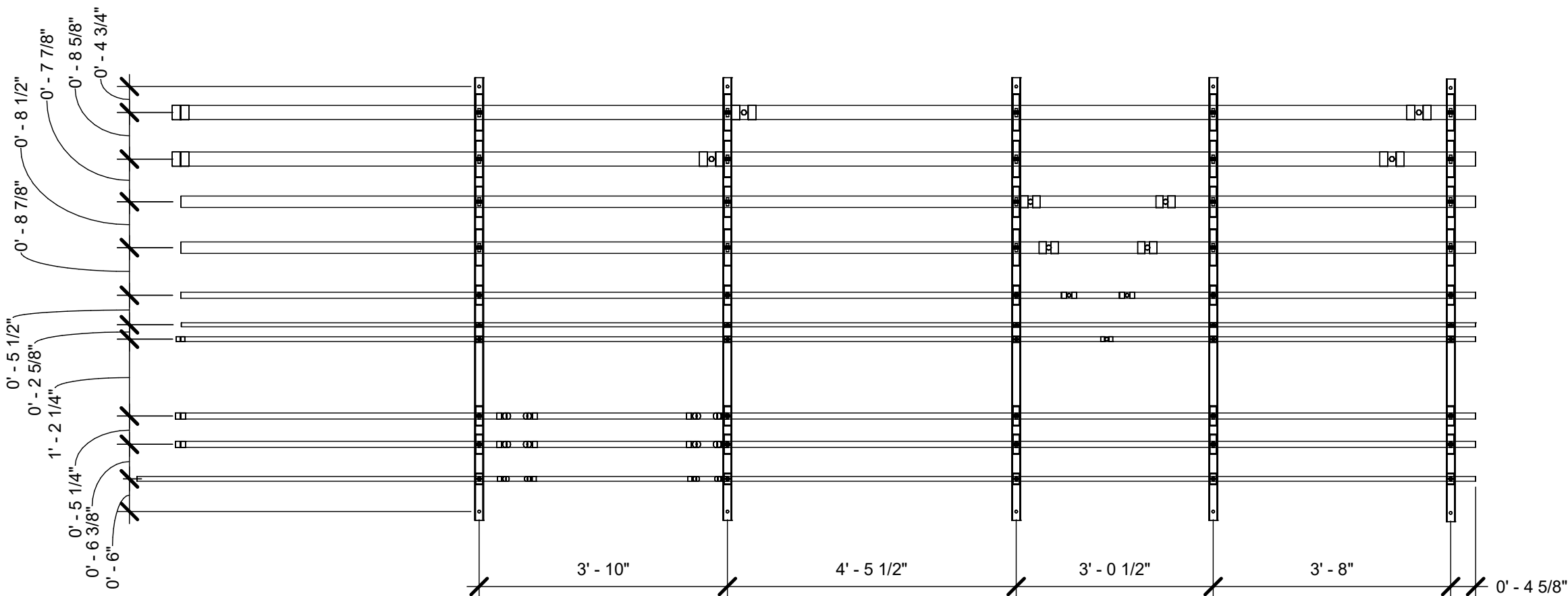


BIM 360//WUSM NRBWUSM\_RB\_SPOOLING MASTER.rvt  
6/23/2021 7:36:34 AM



2 AS-L00-015 - ISOMETRIC  
AS-L00-015 SCALE:



1 AS-L00-015  
AS-L00-015 SCALE: 1/2" = 1'-0"

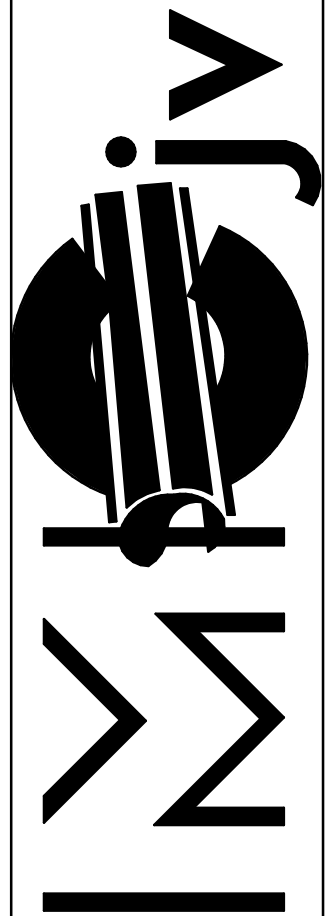
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: AS-L00-015

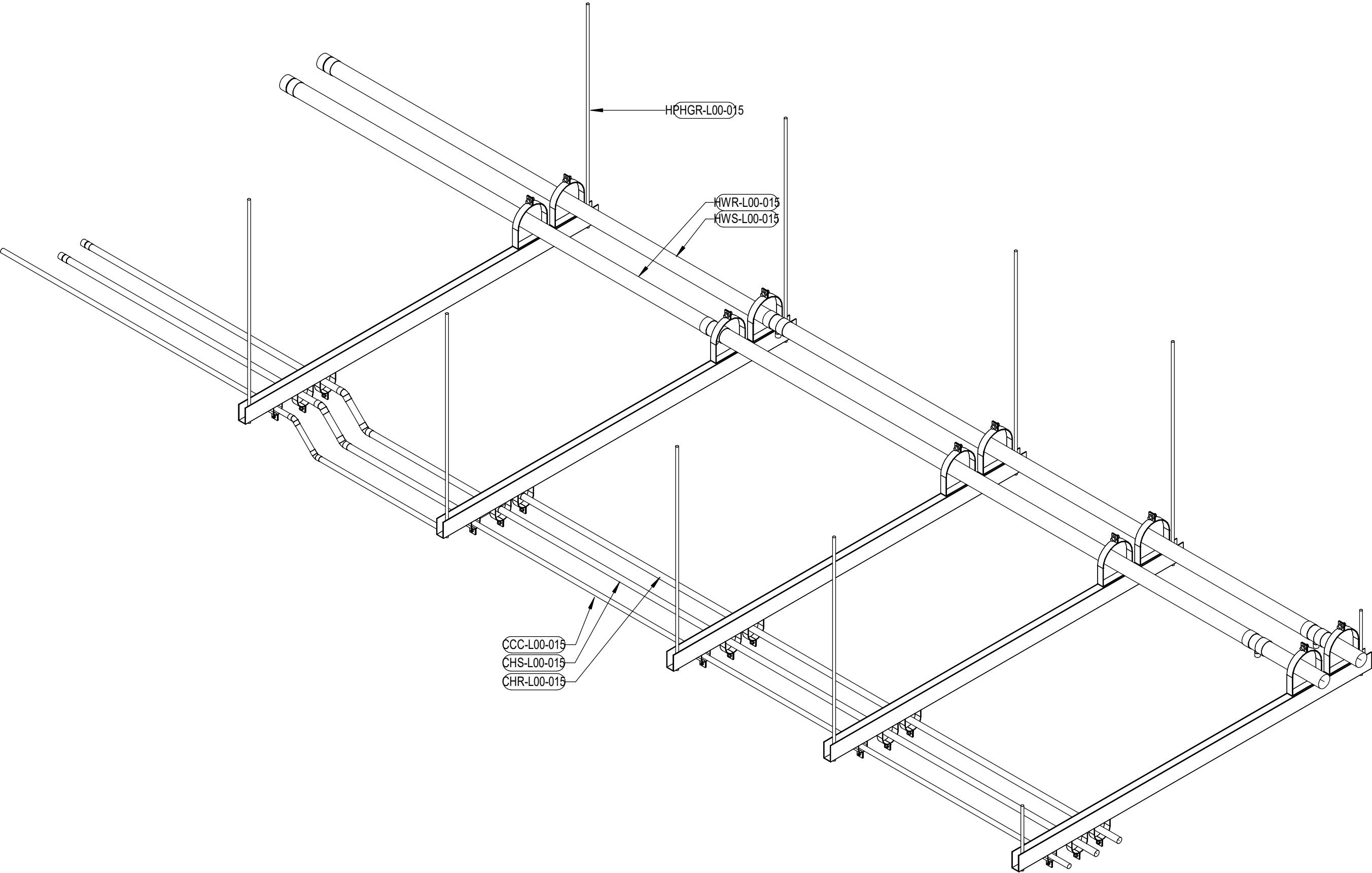
Drawn By: Author

DATE: 03/11/21 DATE REQ:



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

BIM 360://WUSM NRBWUSM\_RB\_HP.rvt  
6/4/2021 10:25:14 AM



1 HP-L00-015  
SCALE:

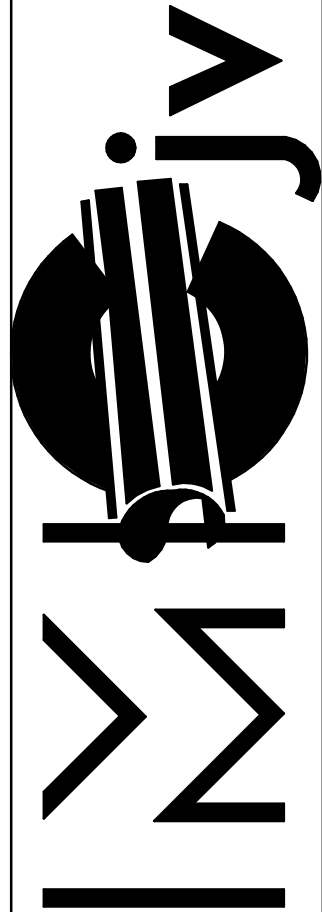
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET:

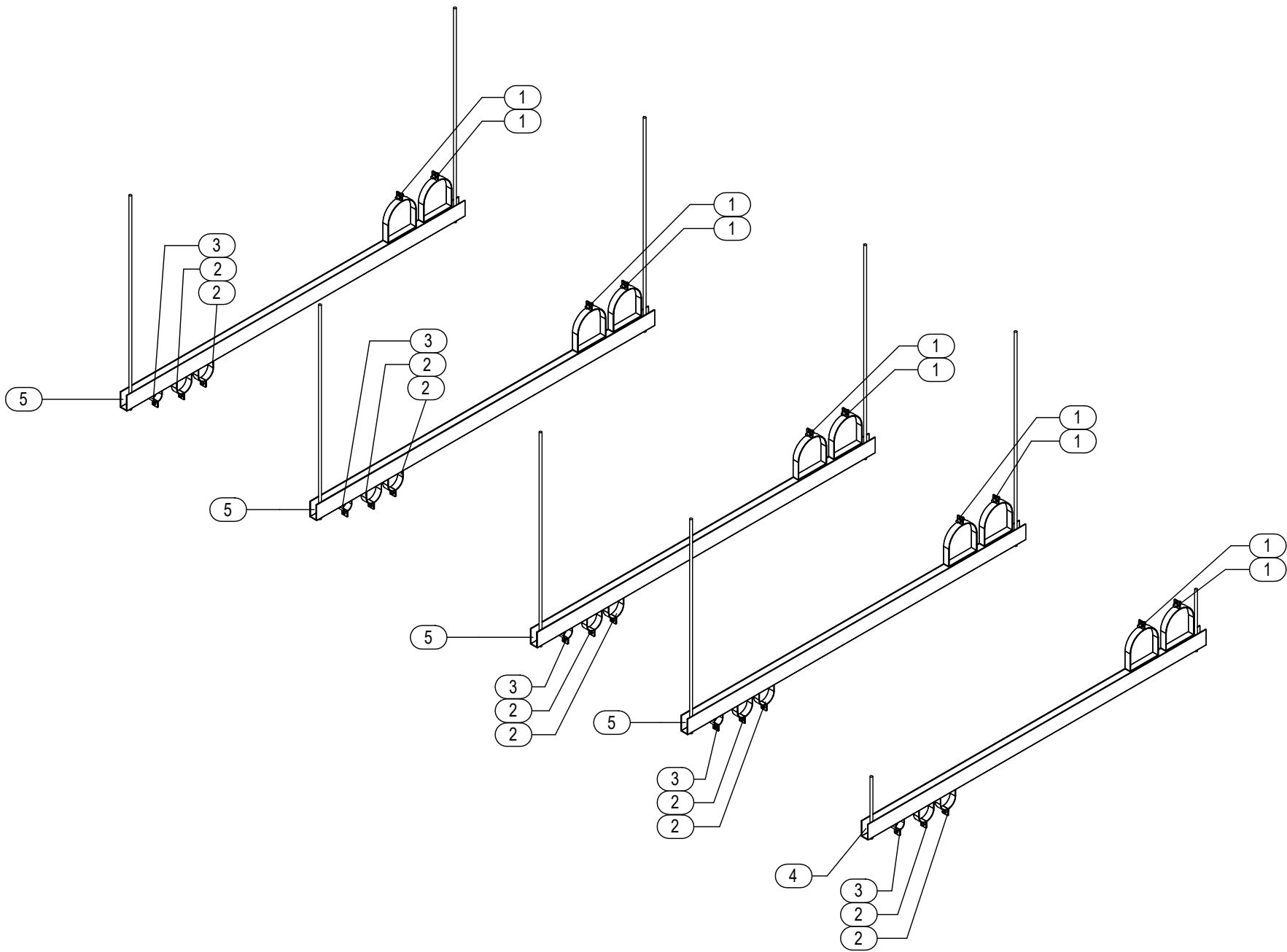
Drawn By: Author

DATE: 06/03/21 DATE REQ:



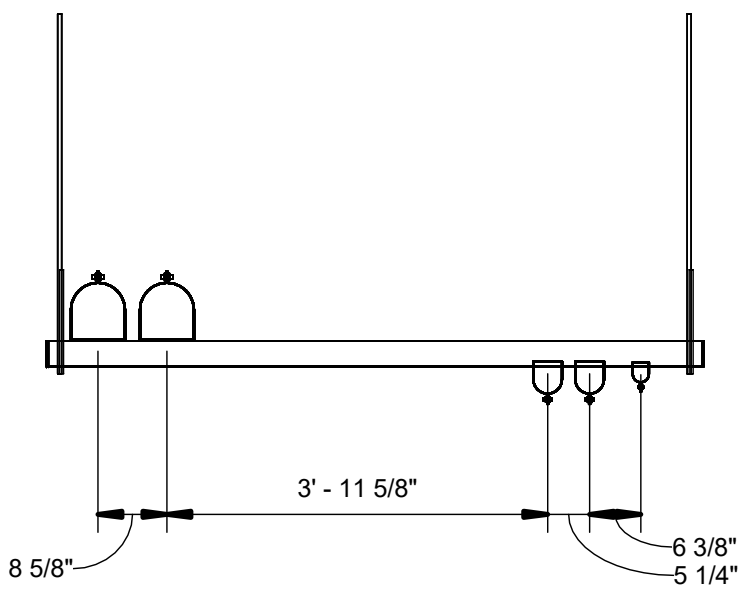
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

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6/1/2021 4:51:46 PM

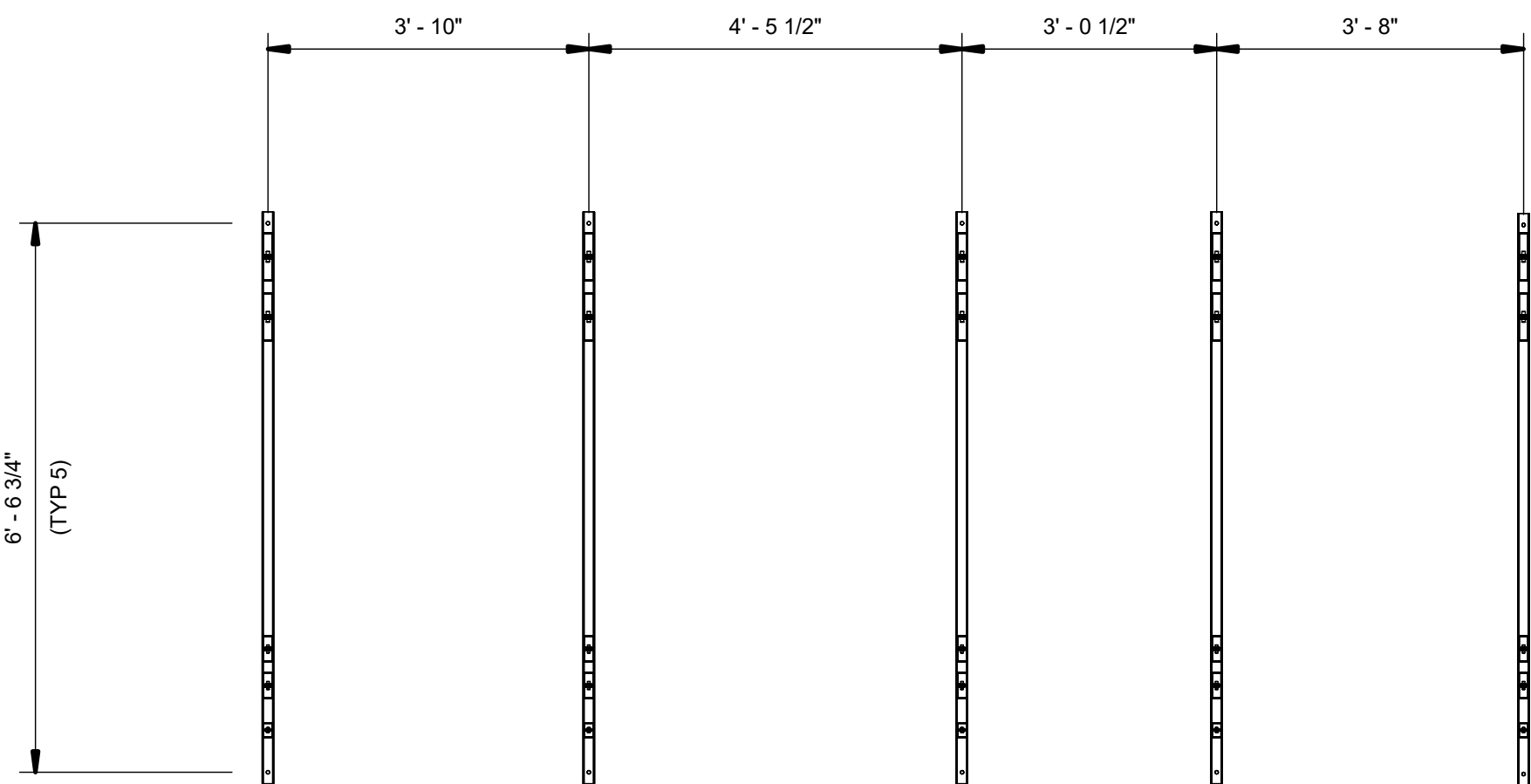


Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	10	6"	B-Line B2000 ZN Sch 40 Pipe Clamp					
2	10	3"	B-Line B2000 ZN Sch 40 Pipe Clamp					
3	5	1.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
4	1	76 3/4"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	6' - 10"	1' - 1"	1' - 1"		
5	4	76 3/4"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut	6' - 10"	3' - 9"	3' - 9"		

1 ISOMETRIC  
SCALE:



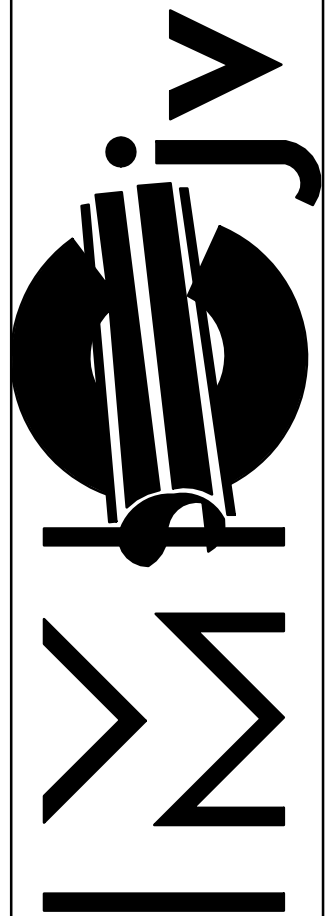
2 LEFT ELEVATION  
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

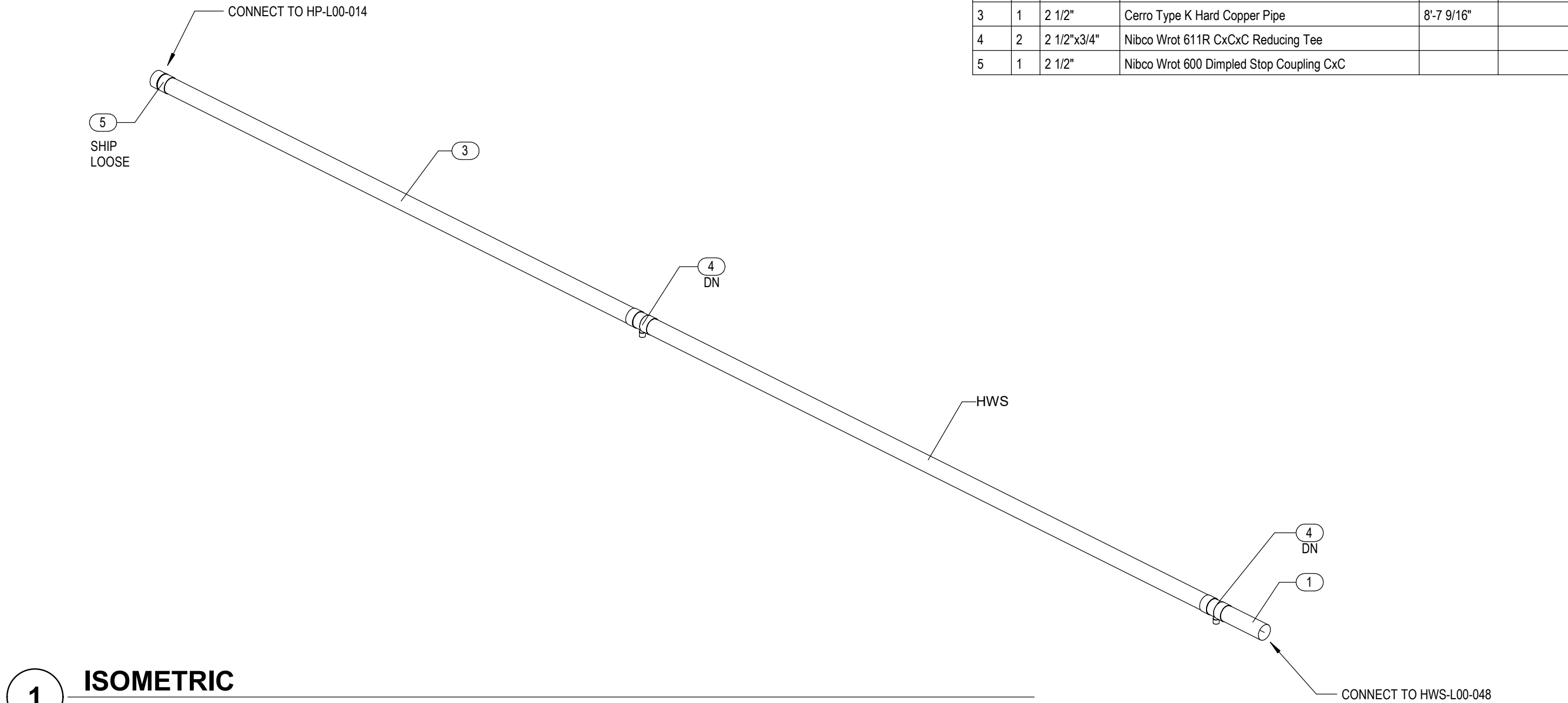
JOB:	WASH U NRB
TICKET:	HPHGR-L00-015
Drawn By: Author	
DATE: 05/14/21	DATE REQ:



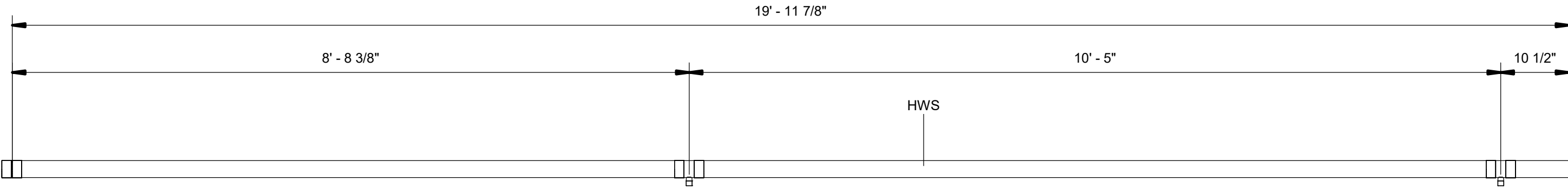
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_HPF.rvt  
6/3/2021 9:44:33 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	2 1/2"	Cerro Type K Hard Copper Pipe	0'-9 11/16"				1 1/2"
2	1	2 1/2"	Cerro Type K Hard Copper Pipe	10'-3 1/2"				1 1/2"
3	1	2 1/2"	Cerro Type K Hard Copper Pipe	8'-7 9/16"				1 1/2"
4	2	2 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
5	1	2 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



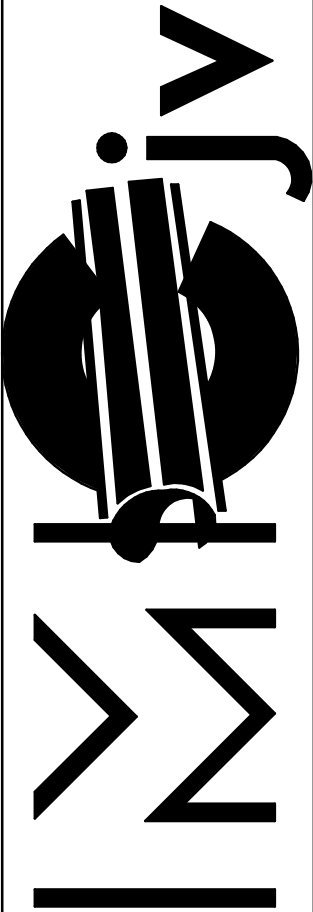
1 ISOMETRIC  
SCALE:



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

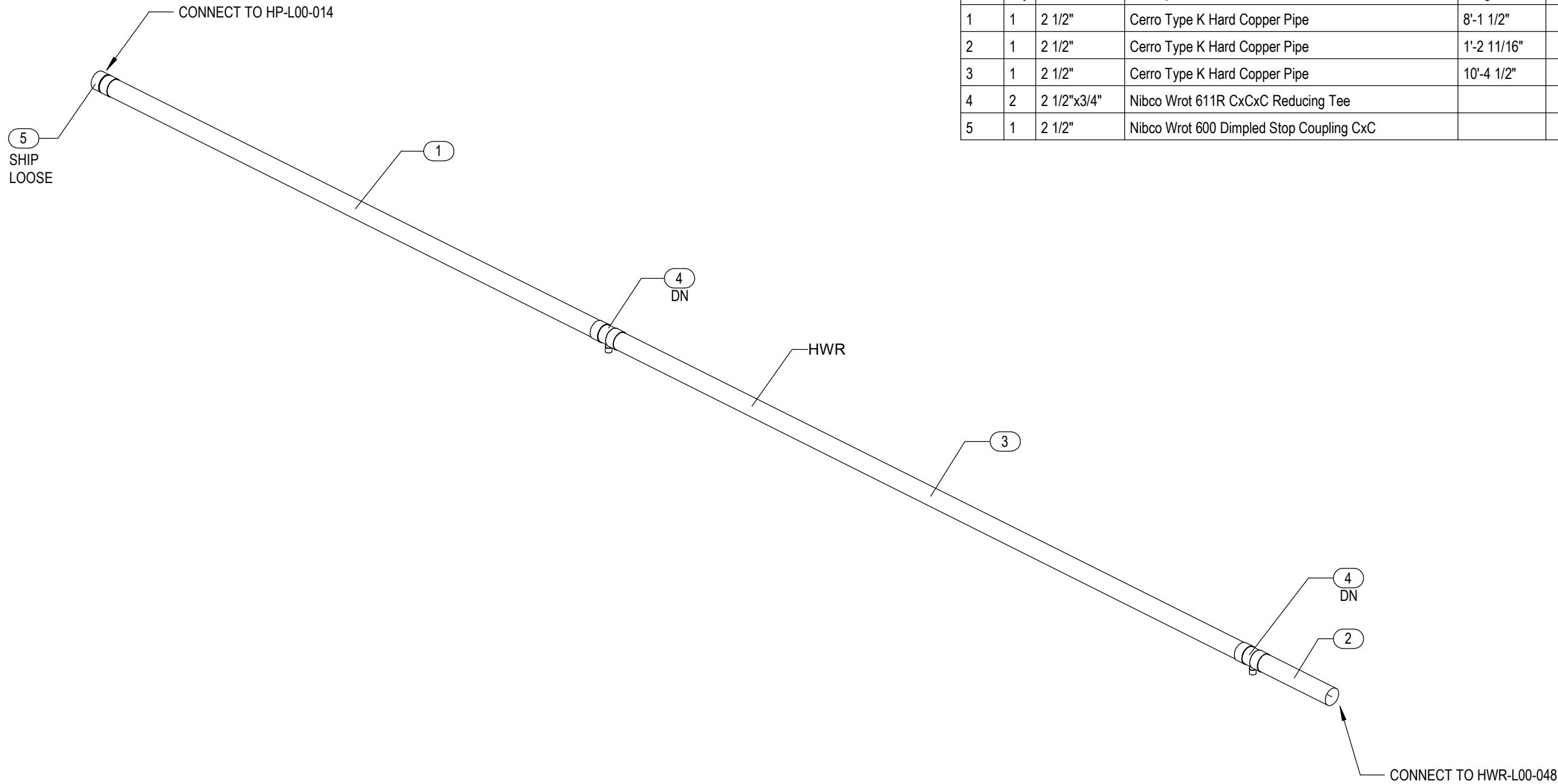
A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	HWS-L00-015
Drawn By: Author	
DATE: 05/27/21	DATE REQ:



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

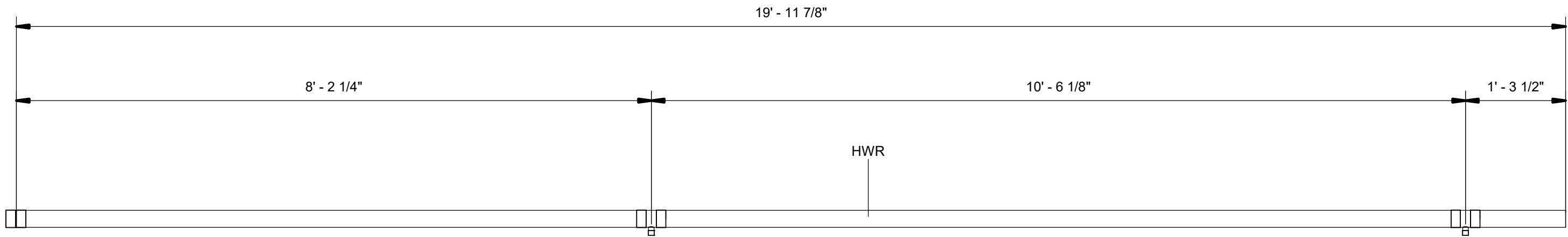
BIM 360://WUSM NRBWUSM\_RB\_HPF.rvt  
6/3/2021 9:41:48 AM



Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	2 1/2"	Cerro Type K Hard Copper Pipe	8'-1 1/2"				1 1/2"
2	1	2 1/2"	Cerro Type K Hard Copper Pipe	1'-2 11/16"				1 1/2"
3	1	2 1/2"	Cerro Type K Hard Copper Pipe	10'-4 1/2"				1 1/2"
4	2	2 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
5	1	2 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"

1 ISOMETRIC

SCALE:

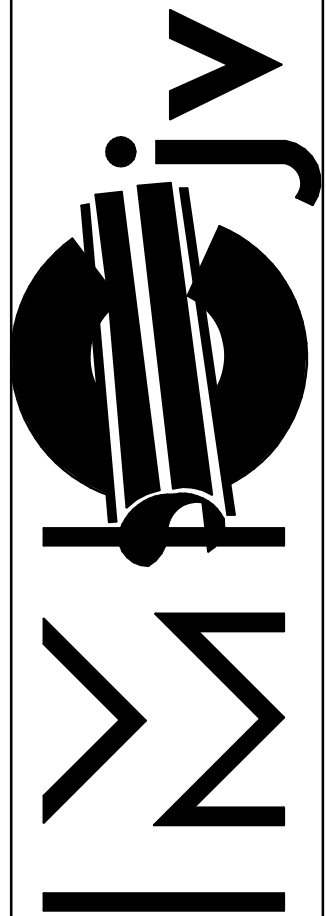


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

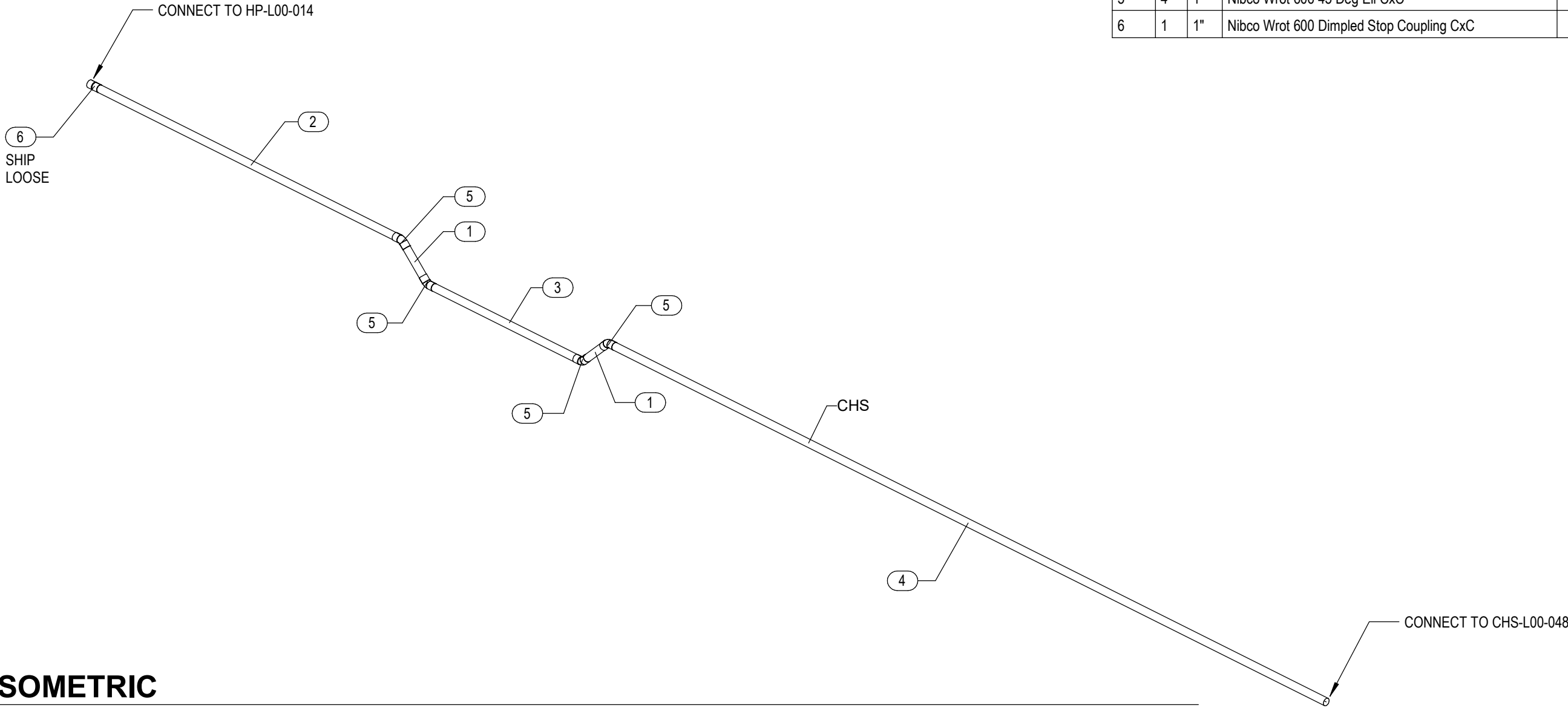
JOB:	WASH U NRB
TICKET:	HWR-L00-015
Drawn By: Author	
DATE: 05/27/21	DATE REQ:



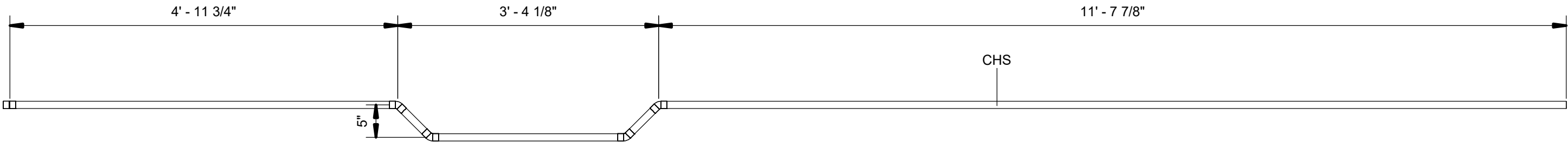
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_HPF.rvt  
7/28/2021 1:35:51 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	2	1"	Cerro Type K Hard Copper Pipe	0'-6 5/16"				1"
2	1	1"	Cerro Type K Hard Copper Pipe	4'-11 7/16"				1"
3	1	1"	Cerro Type K Hard Copper Pipe	2'-5 7/16"				1"
4	1	1"	Cerro Type K Hard Copper Pipe	11'-7 9/16"				1"
5	4	1"	Nibco Wrot 606 45 Deg Ell CxC					1"
6	1	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



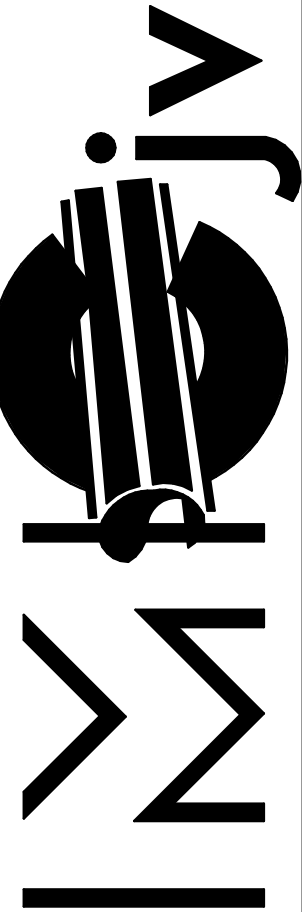
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

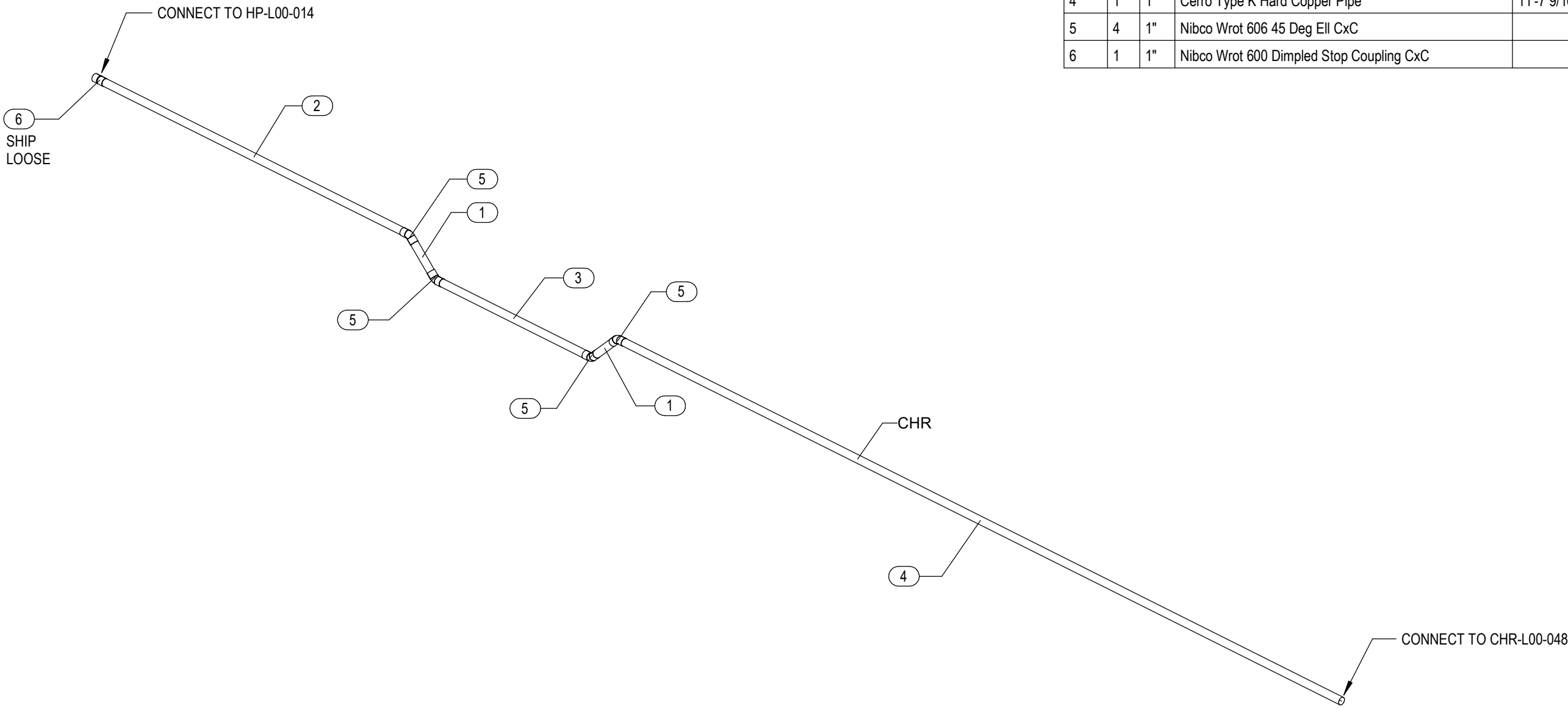
JOB: WASH U NRB  
TICKET: CHS-L00-015  
Drawn By: Author  
DATE: 05/27/21 DATE REQ:



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

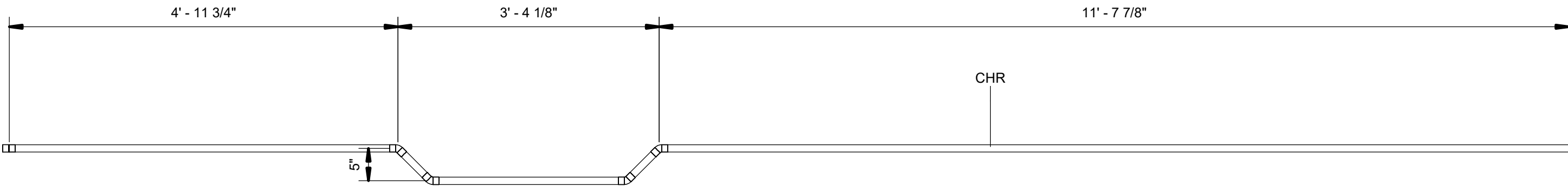
BIM 360://WUSM NRB\\WUSM\_RB\_HPF.rvt  
7/28/2021 1:35:23 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	2	1"	Cerro Type K Hard Copper Pipe	0'-6 5/16"				1"
2	1	1"	Cerro Type K Hard Copper Pipe	4'-11 7/16"				1"
3	1	1"	Cerro Type K Hard Copper Pipe	2'-5 7/16"				1"
4	1	1"	Cerro Type K Hard Copper Pipe	11'-7 9/16"				1"
5	4	1"	Nibco Wrot 606 45 Deg Ell CxC					1"
6	1	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1 ISOMETRIC

SCALE:



2 FRONT ELEVATION

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

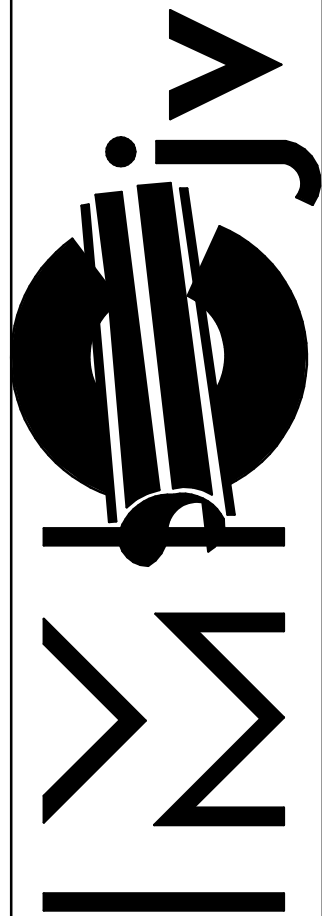
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: CHR-L00-015

Drawn By: Author

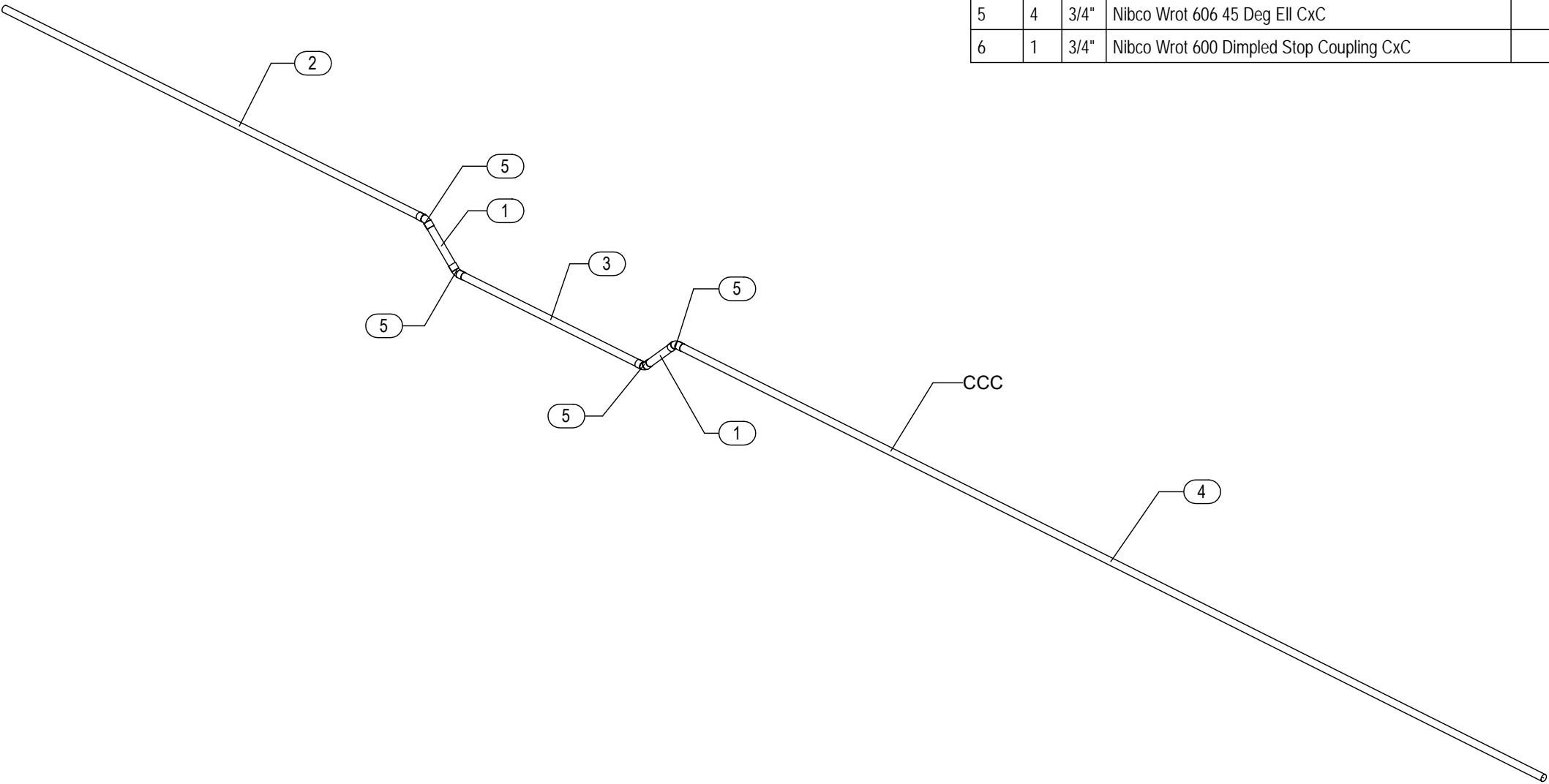
DATE REQ: 05/27/21



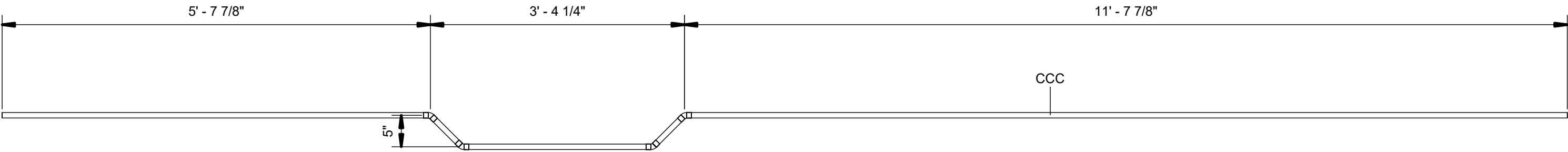
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_HPF.rvt  
6/2/2021 4:12:37 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	2	3/4"	Cerro Type K Hard Copper Pipe	0'-6 3/8"				1/2"
2	1	3/4"	Cerro Type K Hard Copper Pipe	4'-11 7/16"				1/2"
3	1	3/4"	Cerro Type K Hard Copper Pipe	2'-5 9/16"				1/2"
4	1	3/4"	Cerro Type K Hard Copper Pipe	11'-7 9/16"				1/2"
5	4	3/4"	Nibco Wrot 606 45 Deg Ell CxC					1/2"
6	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1/2"



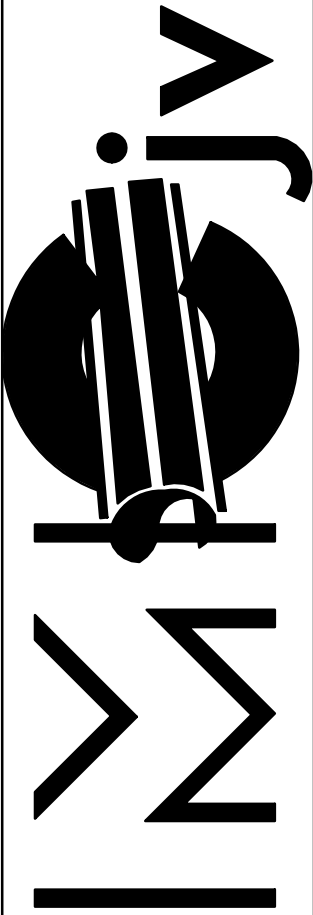
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

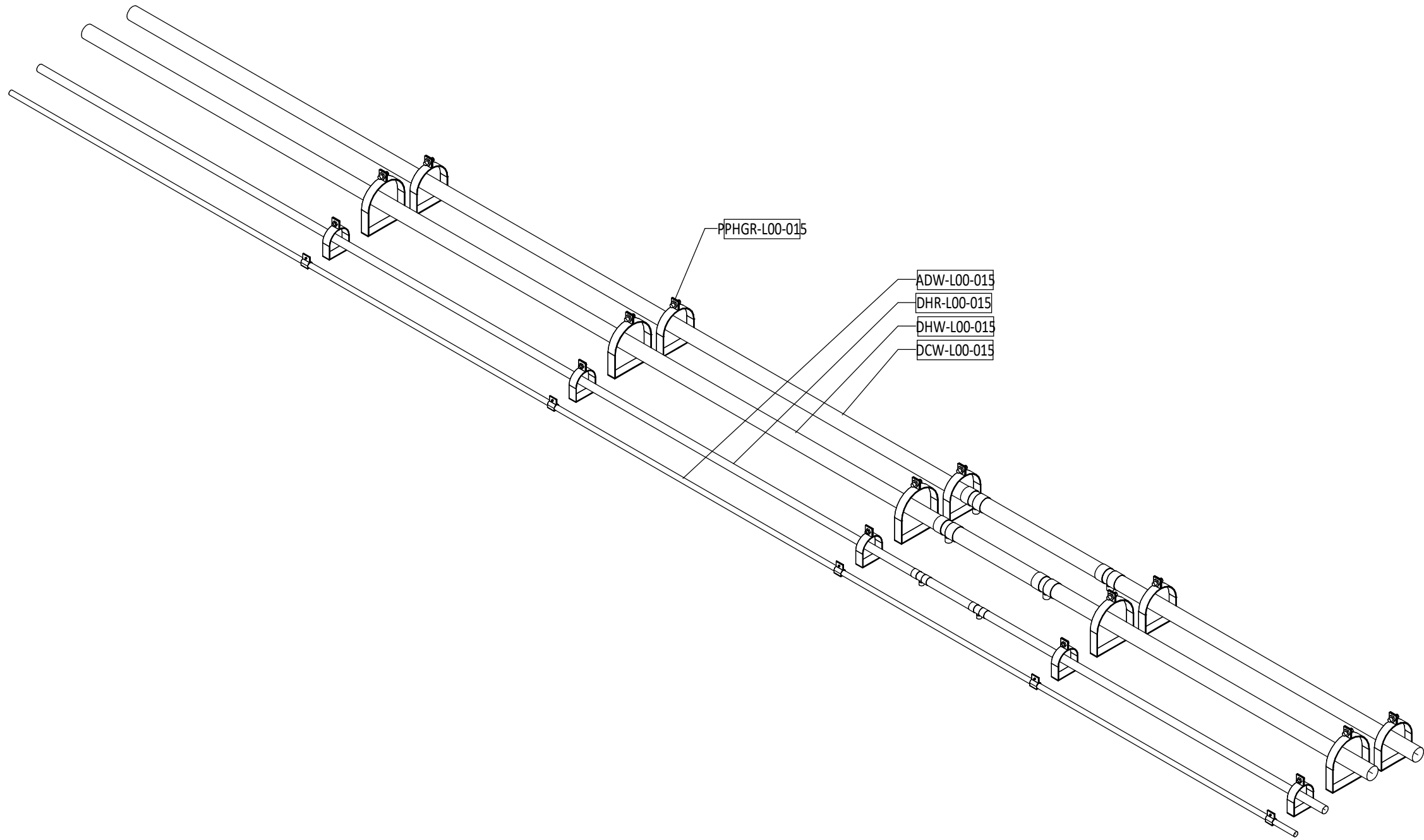
JOB: WASH U NRB  
TICKET: CCC-L00-015  
Drawn By: Author  
DATE: 05/27/21 DATE REQ:



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



BIM 360://WUSM NRB/WUSM RB\_PLF.rvt  
6/4/2021 10:29:15 AM



1 **PP-L00-015**  
SCALE:

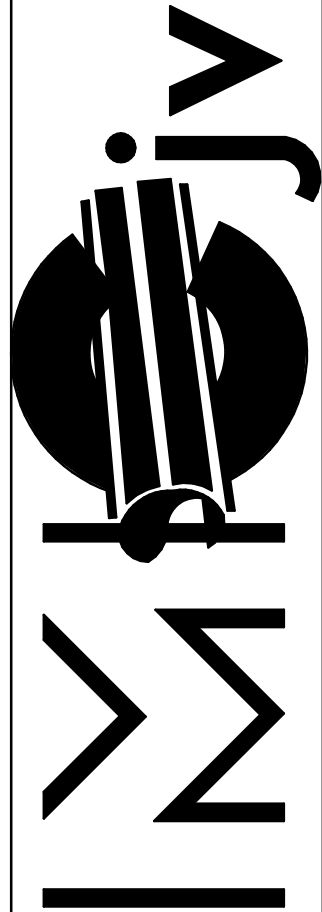
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET:

Drawn By: Author

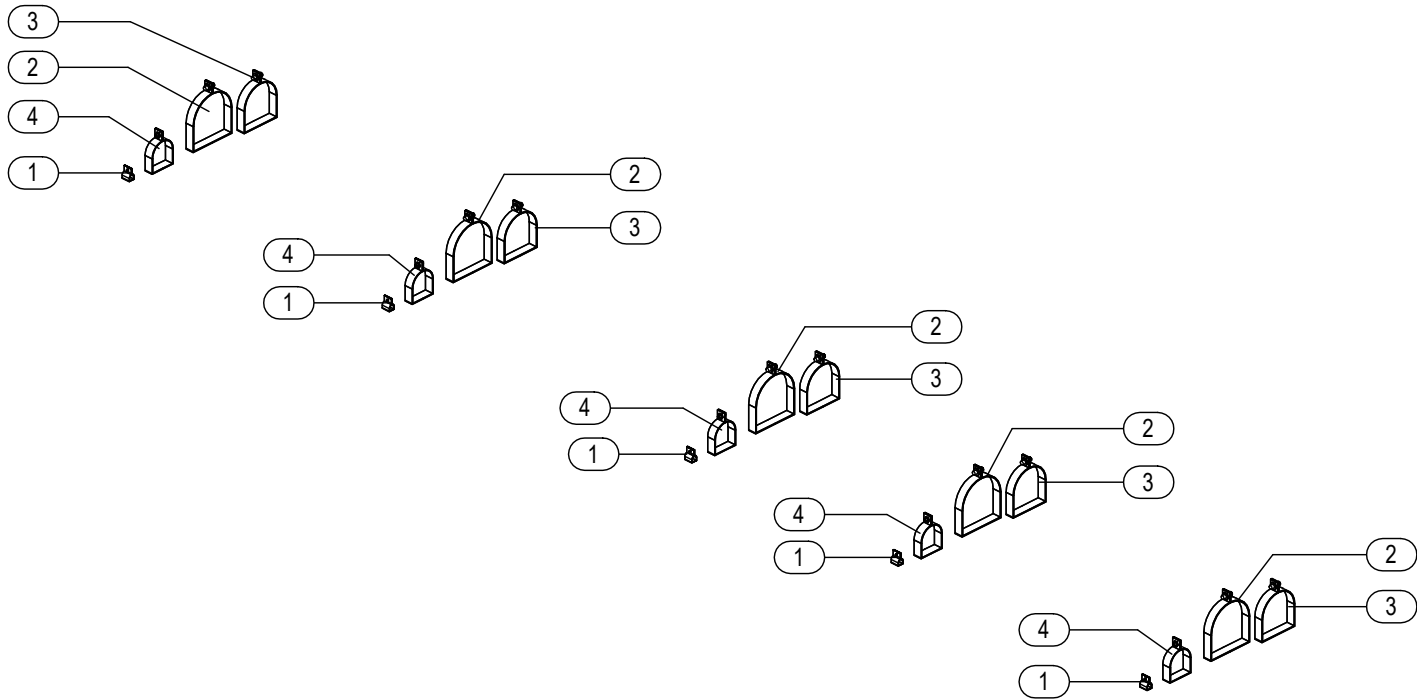
DATE: 06/04/21 DATE REQ:



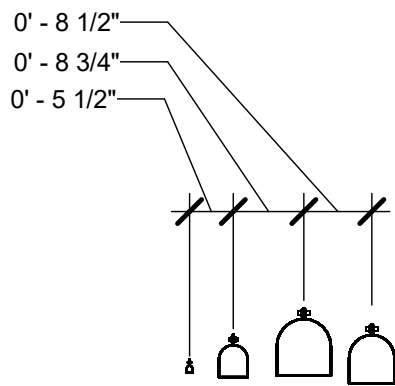
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

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6/3/2021 1:49:27 PM

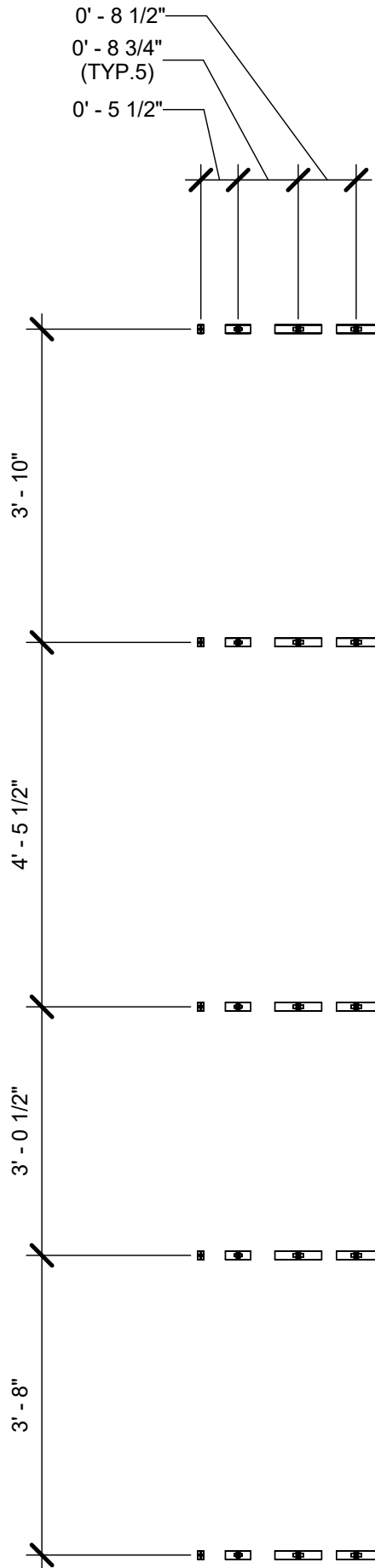
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	5	0.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN					
2	5	6"	B-Line B2000 ZN Sch 40 Pipe Clamp					
3	5	5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
4	5	3"	B-Line B2000 ZN Sch 40 Pipe Clamp					



1 ISOMETRIC  
SCALE:



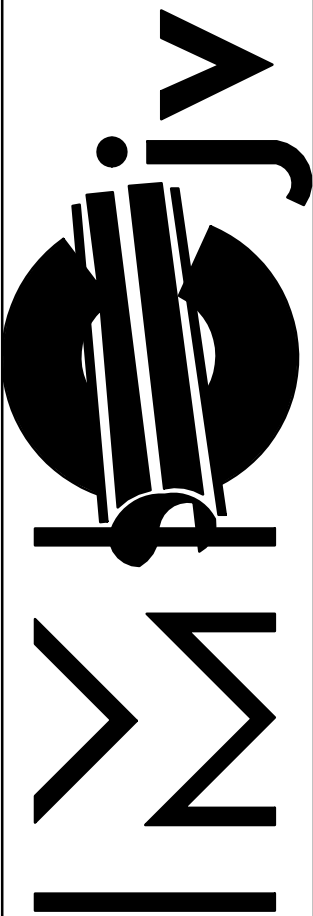
2 FRONT ELEVATION  
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

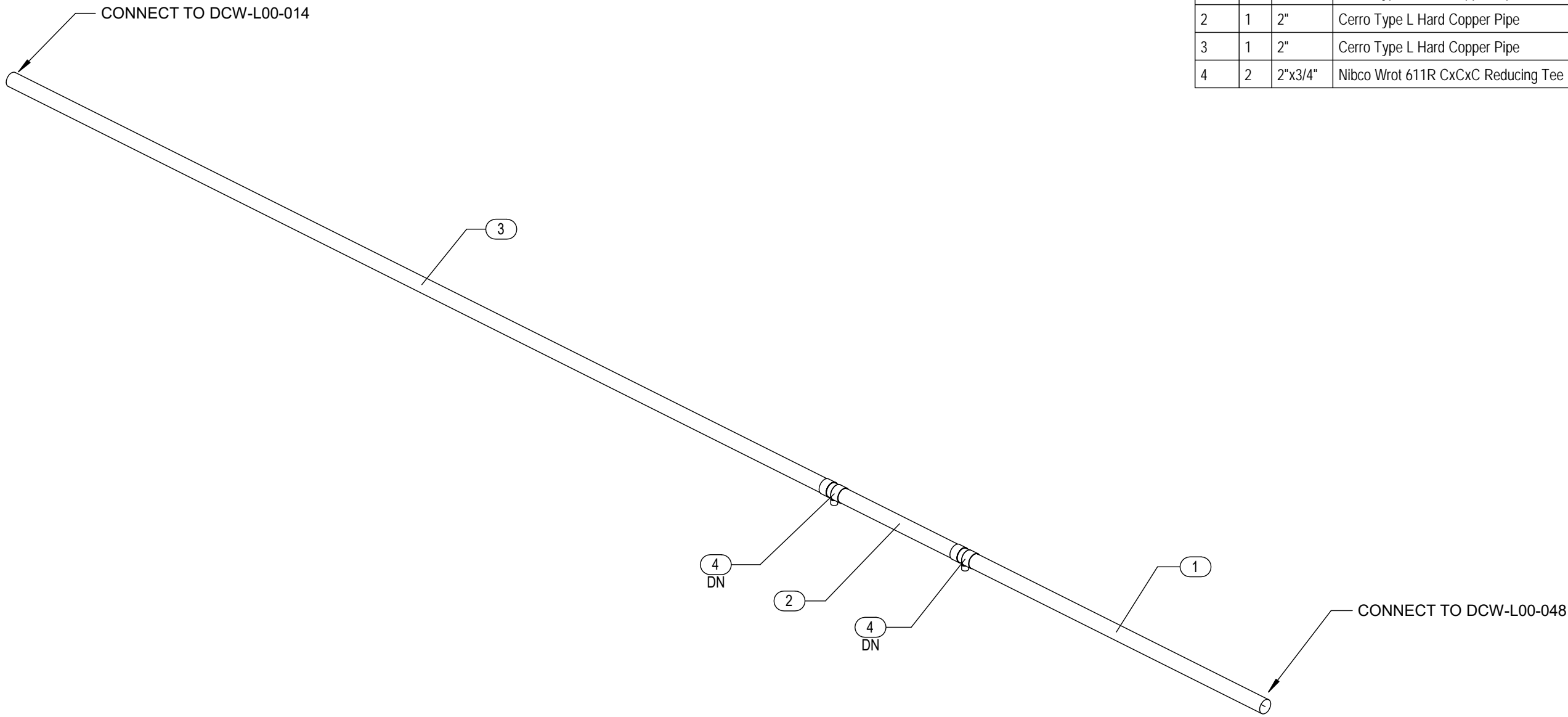
JOB: WASH U NRB  
TICKET: PPHGR-L00-015  
Drawn By: Author  
DATE: 06/02/21  
DATE REQ:



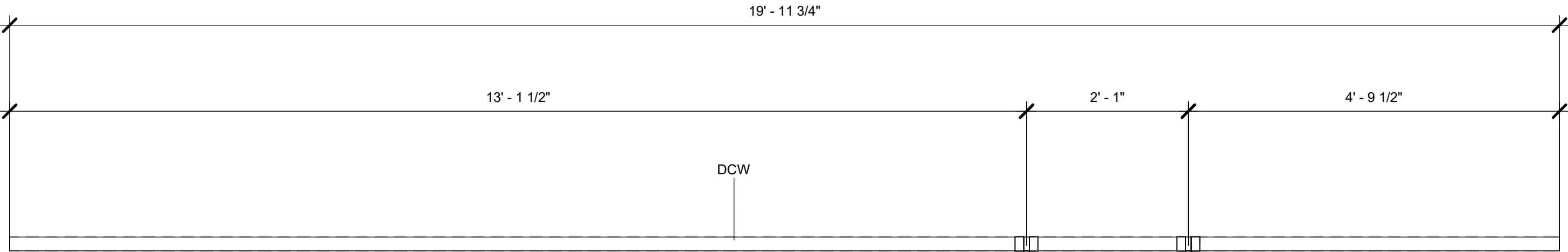
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB/WUSM RB\_PLF.rvt  
6/4/2021 9:48:29 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	2"	Cerro Type L Hard Copper Pipe	4'-9"				1"
2	1	2"	Cerro Type L Hard Copper Pipe	2'-0 3/16"				1"
3	1	2"	Cerro Type L Hard Copper Pipe	13'-0 15/16"				1"
4	2	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"



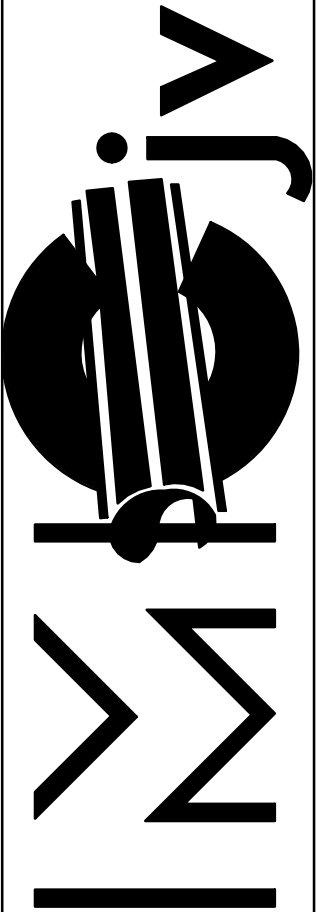
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

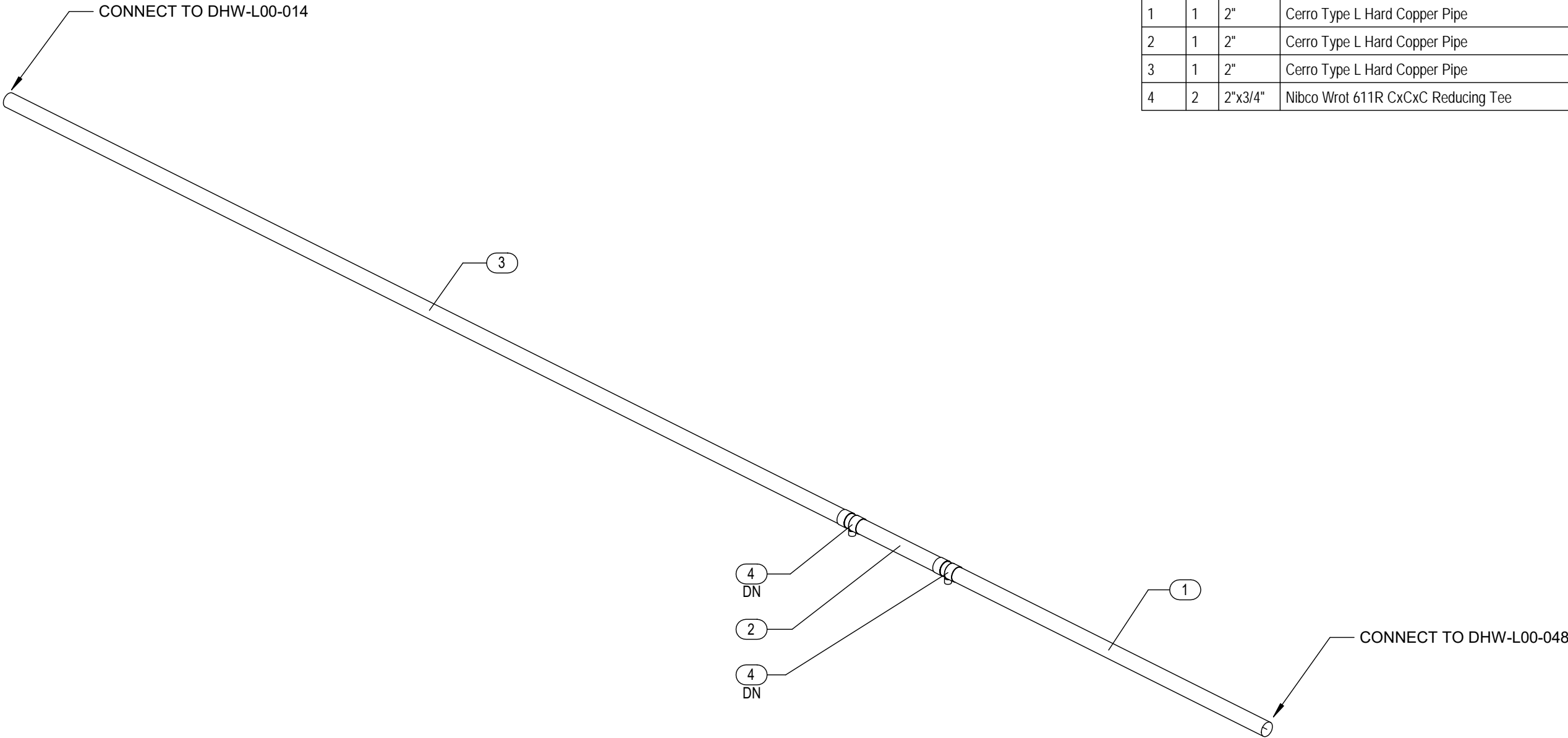
JOB:	WASH U NRB
TICKET:	DCW-L00-015
Drawn By: Author	
DATE: 05/27/21	DATE REQ:



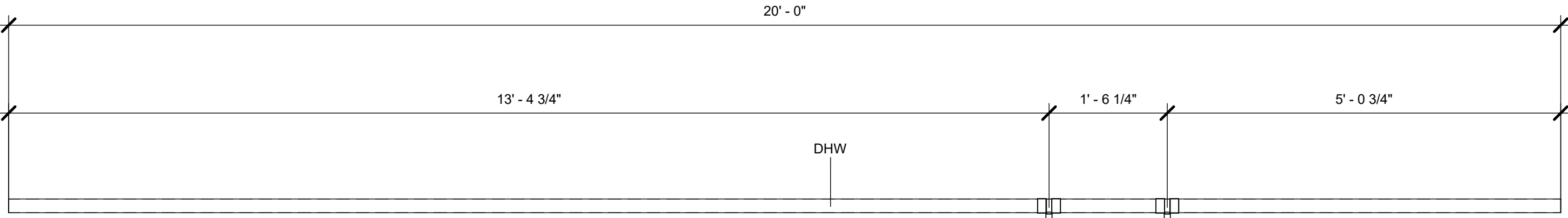
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB/WUSM RB\_PLF.rvt  
6/4/2021 11:04:04 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	2"	Cerro Type L Hard Copper Pipe	5'-0 3/8"				2"
2	1	2"	Cerro Type L Hard Copper Pipe	1'-5 3/8"				2"
3	1	2"	Cerro Type L Hard Copper Pipe	13'-4 3/8"				2"
4	2	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					2"



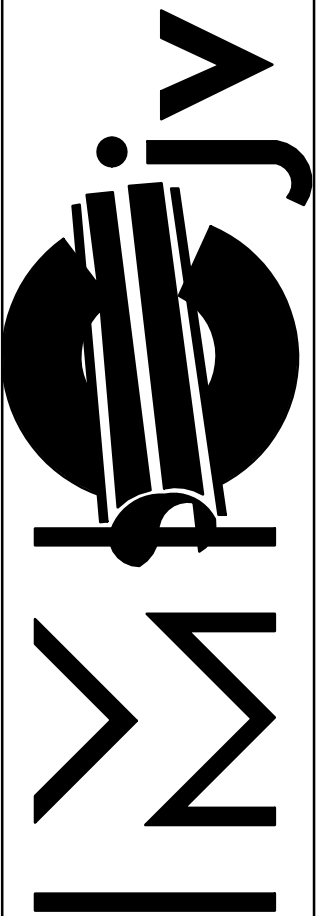
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

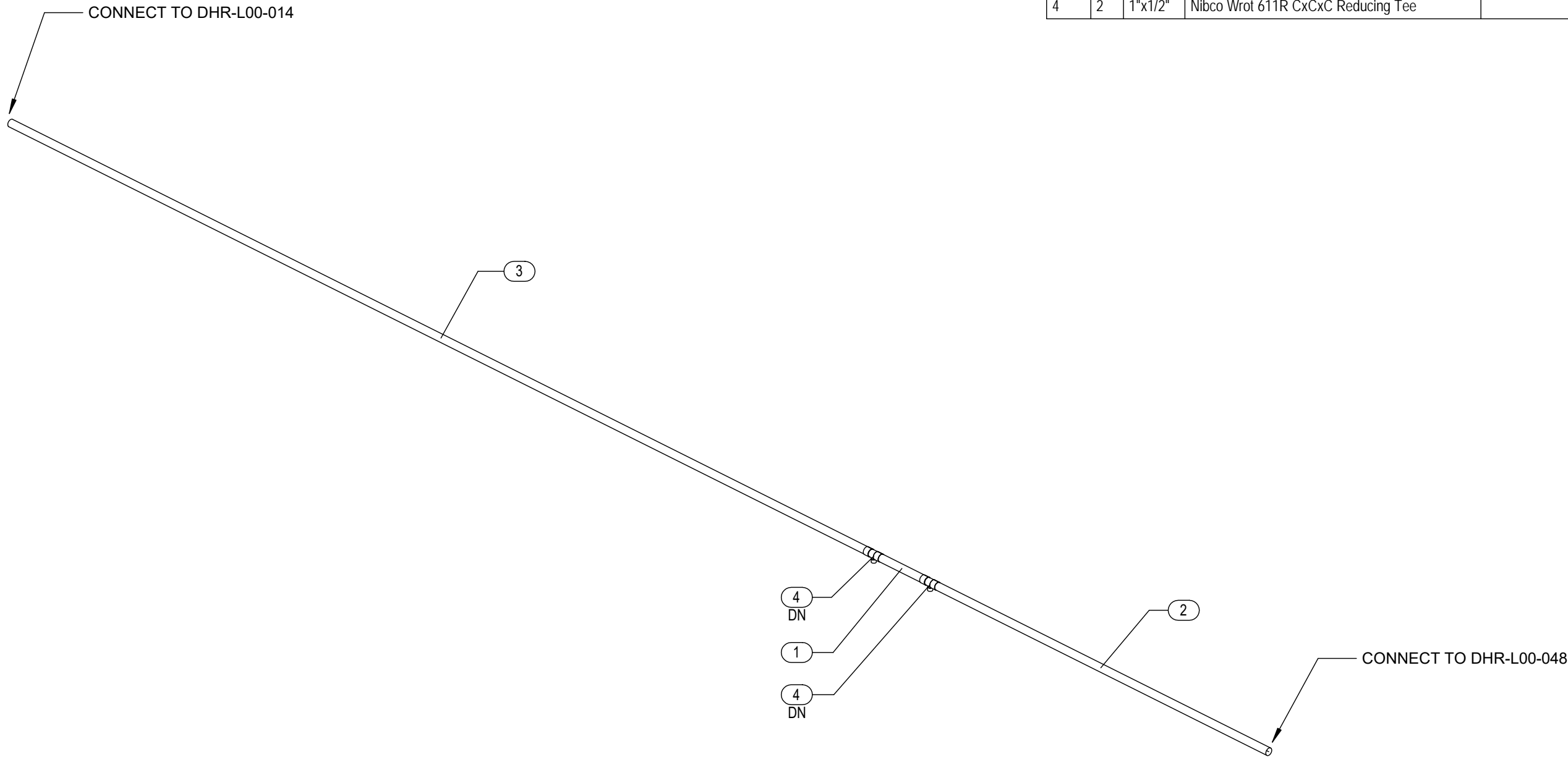
JOB:	WASH U NRB
TICKET:	DHW-L00-015
Drawn By: Author	
DATE: 05/27/21	DATE REQ:



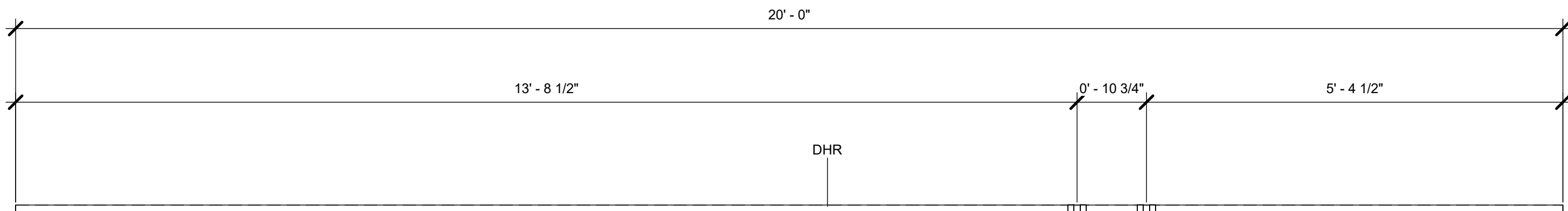
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRB/WUSM\_RB\_PLF.rvt  
6/4/2021 10:30:45 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	1"	Cerro Type L Hard Copper Pipe	0'-9 3/4"				1"
2	1	1"	Cerro Type L Hard Copper Pipe	5'-4 1/16"				1"
3	1	1"	Cerro Type L Hard Copper Pipe	13'-8 1/16"				1"
4	2	1"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee					1"



1 ISOMETRIC  
SCALE:



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

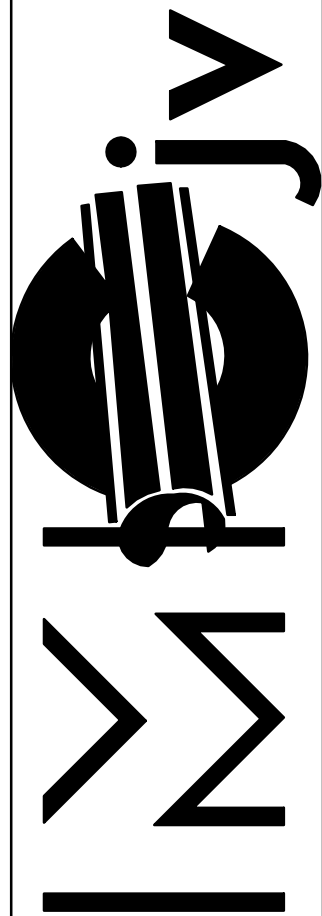
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: DHR-L00-015

Drawn By: Author

DATE: 05/27/21 DATE REQ:



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

BIM 360://WUSM NRB/WUSM\_RB\_PLF.rvt  
6/4/2021 9:40:43 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	19'-11 13/16"				

CONNECT TO  
ADW-L00-014

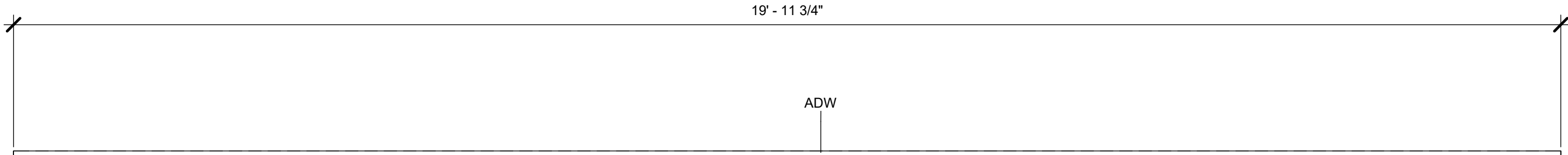
ADW

1

CONNECT TO  
ADW-L00-048

1 ISOMETRIC

SCALE:

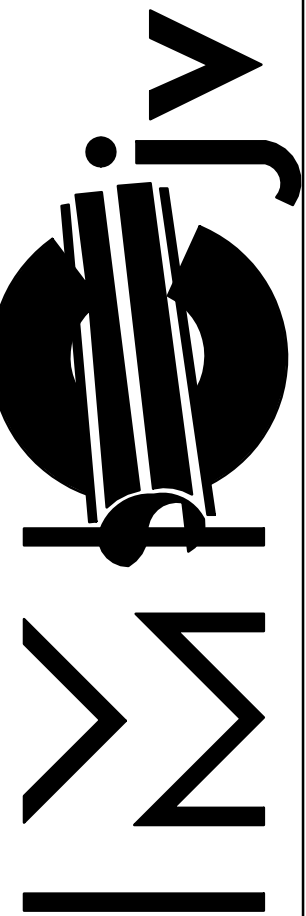


2 FRONT ELEVATION

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

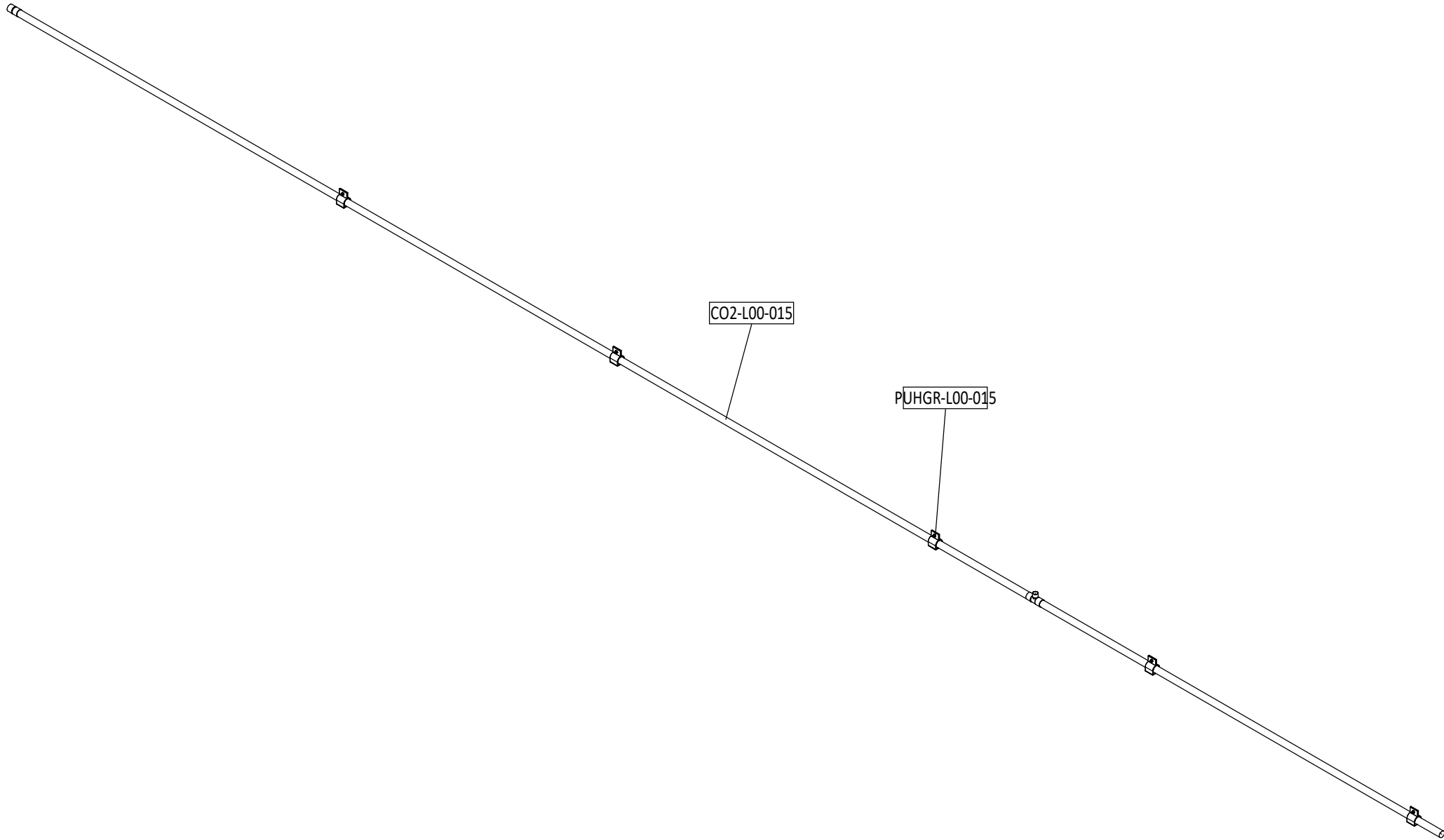
A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	ADW-L00-015
Drawn By: Author	
DATE: 05/27/21	DATE REQ:



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

BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
6/3/2021 5:18:14 PM



1 **PU-L00-015**  
SCALE:

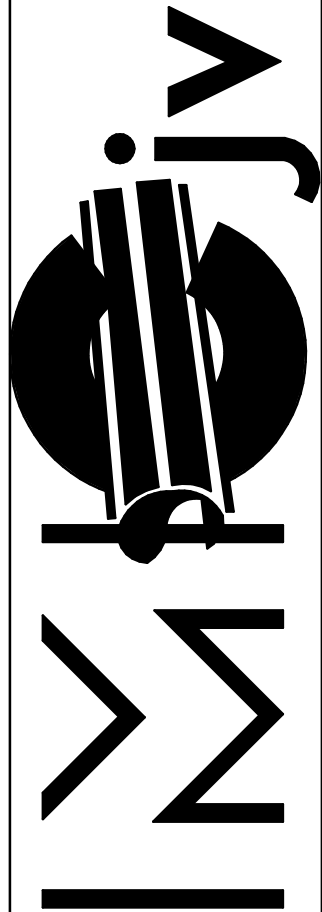
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET:

Drawn By: Author

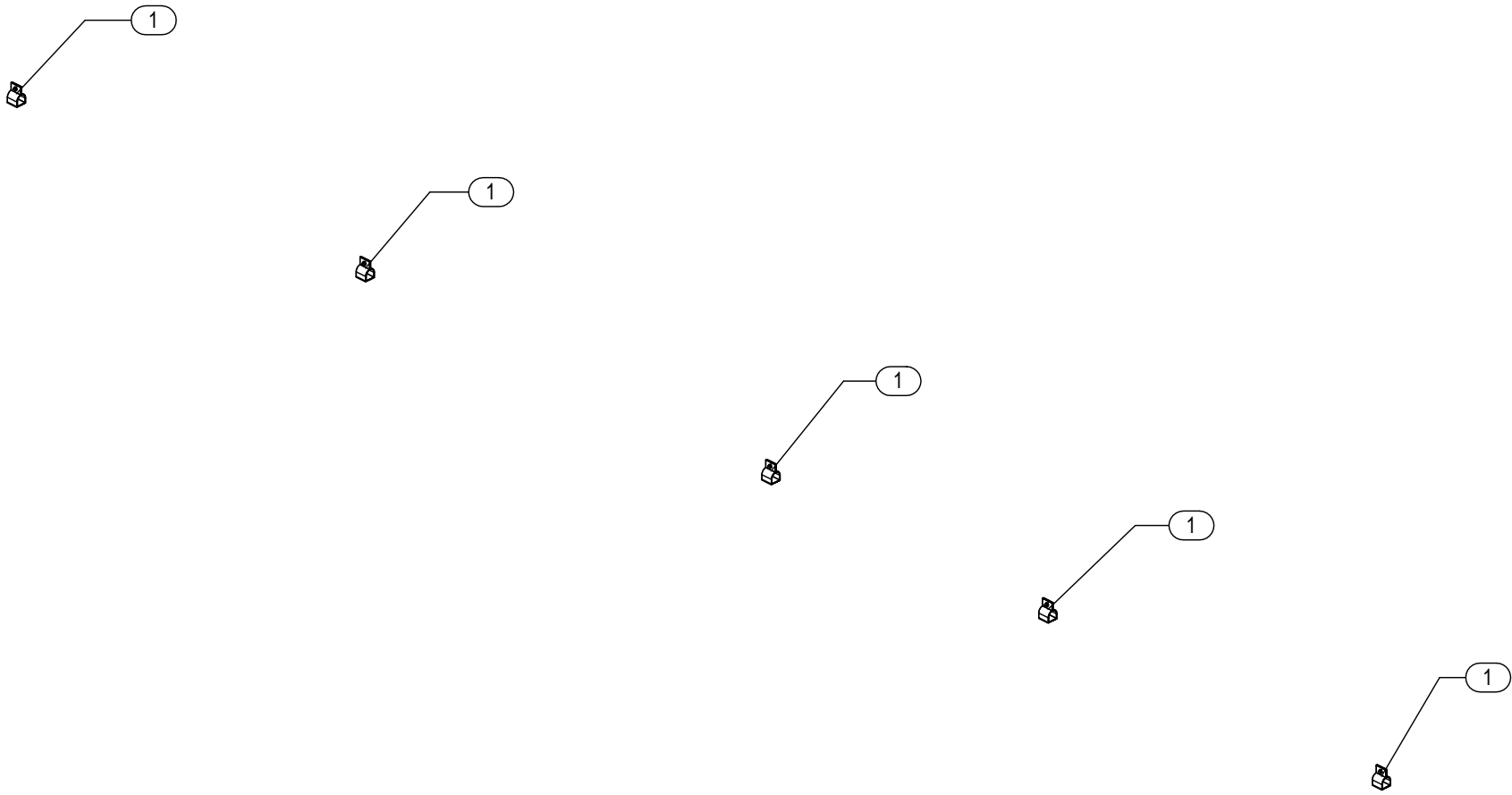
DATE: 06/03/21 DATE REQ:



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314-997-6600 phone

BIM 360/WUSM NRBWUSM\_RB\_PUF.rvt  
6/2/2021 8:55:19 AM

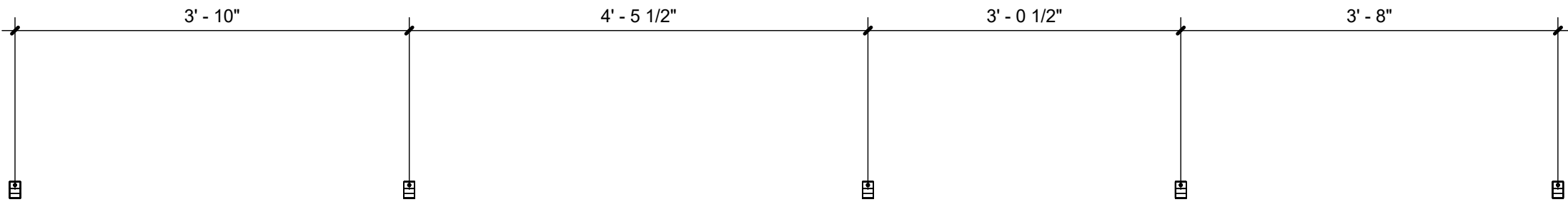
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	5	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		0"	0"	0"	



1

ISOMETRIC

SCALE:



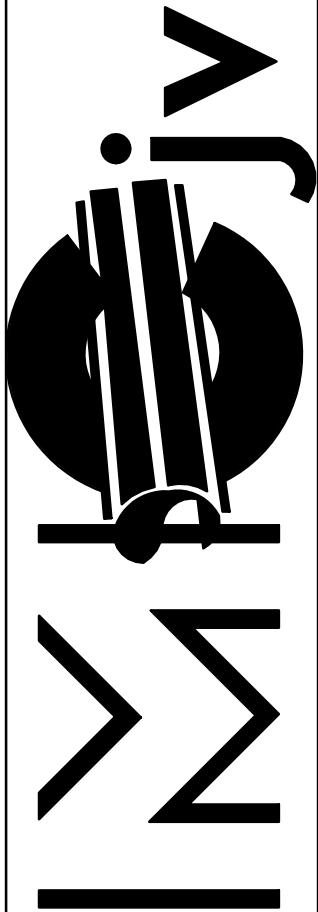
2

FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

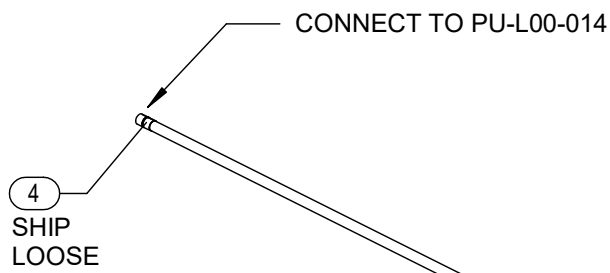
JOB:	WASH U NRB
TICKET:	PUHGR-L00-015
Drawn By: Author	
DATE: 06/01/21	DATE REQ:



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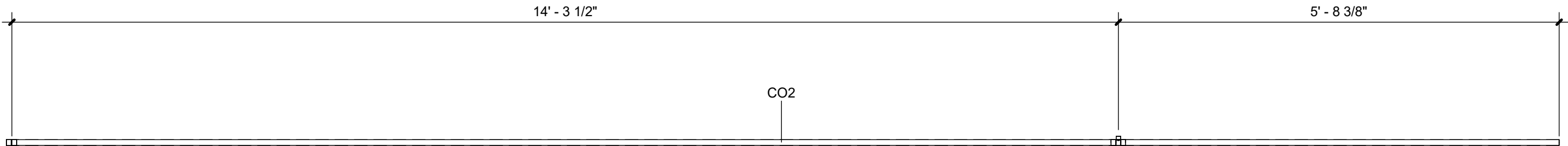
BIM 360/WUSM NRBWUSM RB\_PUF.rvt  
6/2/2021 11:04:26 AM



Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	3/4"	Cerro Type L Hard Copper - CFOS	5'-8"				
2	1	3/4"	Cerro Type L Hard Copper - CFOS	14'-3 3/16"				
3	1	3/4"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee					
4	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop					

1 ISOMETRIC

SCALE:

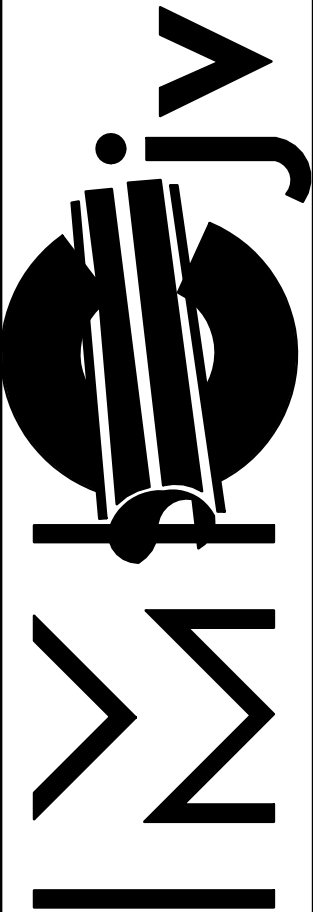


2 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB  
TICKET: CO2-L00-015  
Drawn By: Author  
DATE: 06/01/21  
DATE REQ:



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