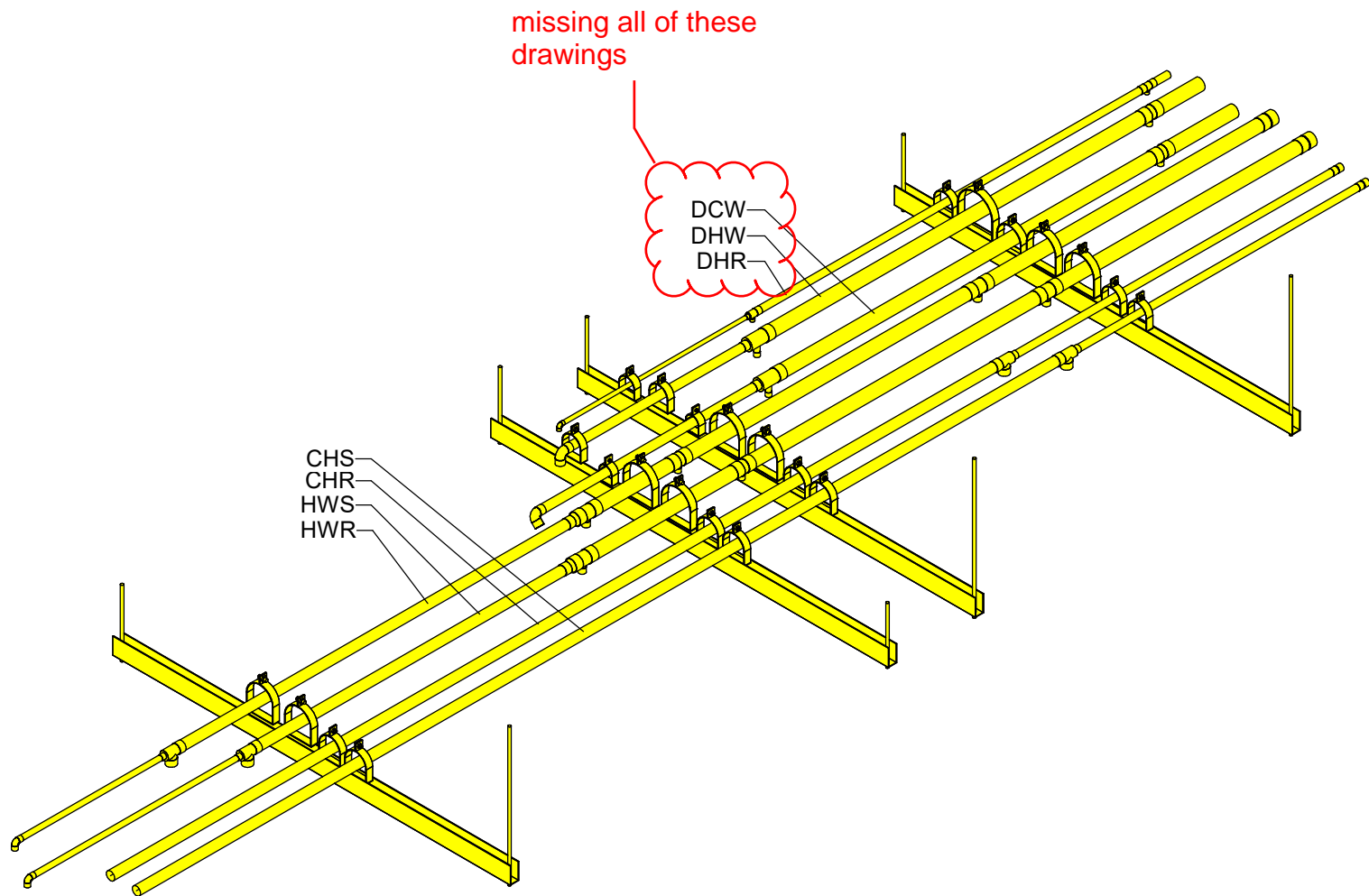
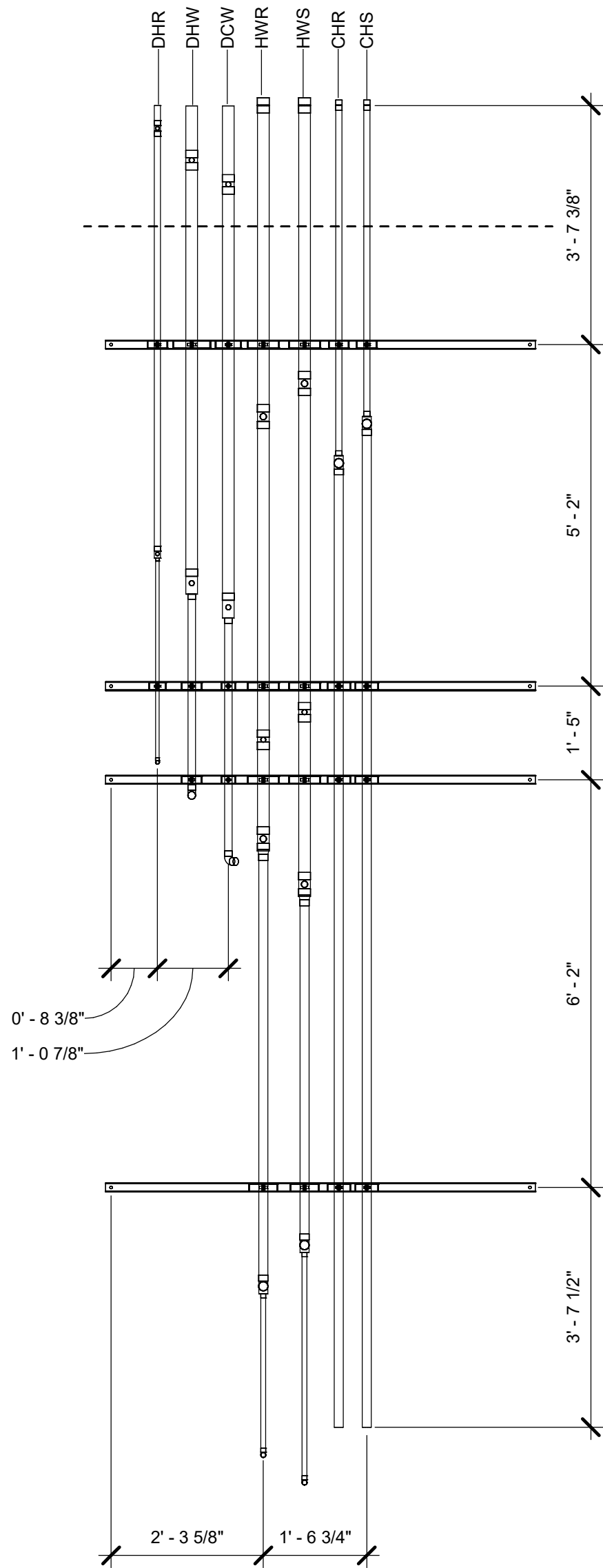


BIM 360/WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
6/17/2021 6:31:53 PM



1 AS-L00-050
SCALE: 1/2" = 1'-0"

2 AS-L00-050 - ISOMETRIC
SCALE:

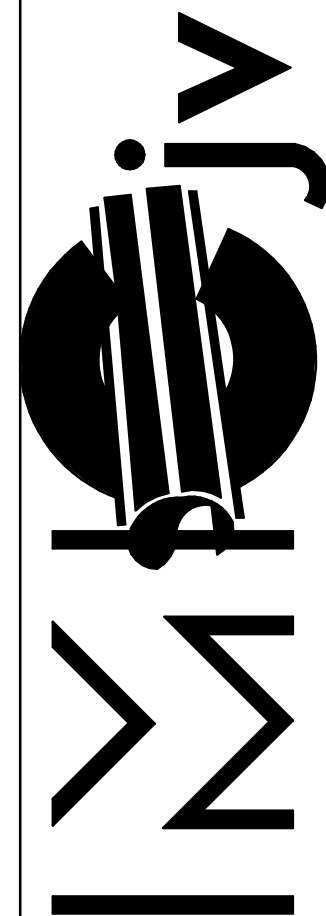
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: AS-L00-050

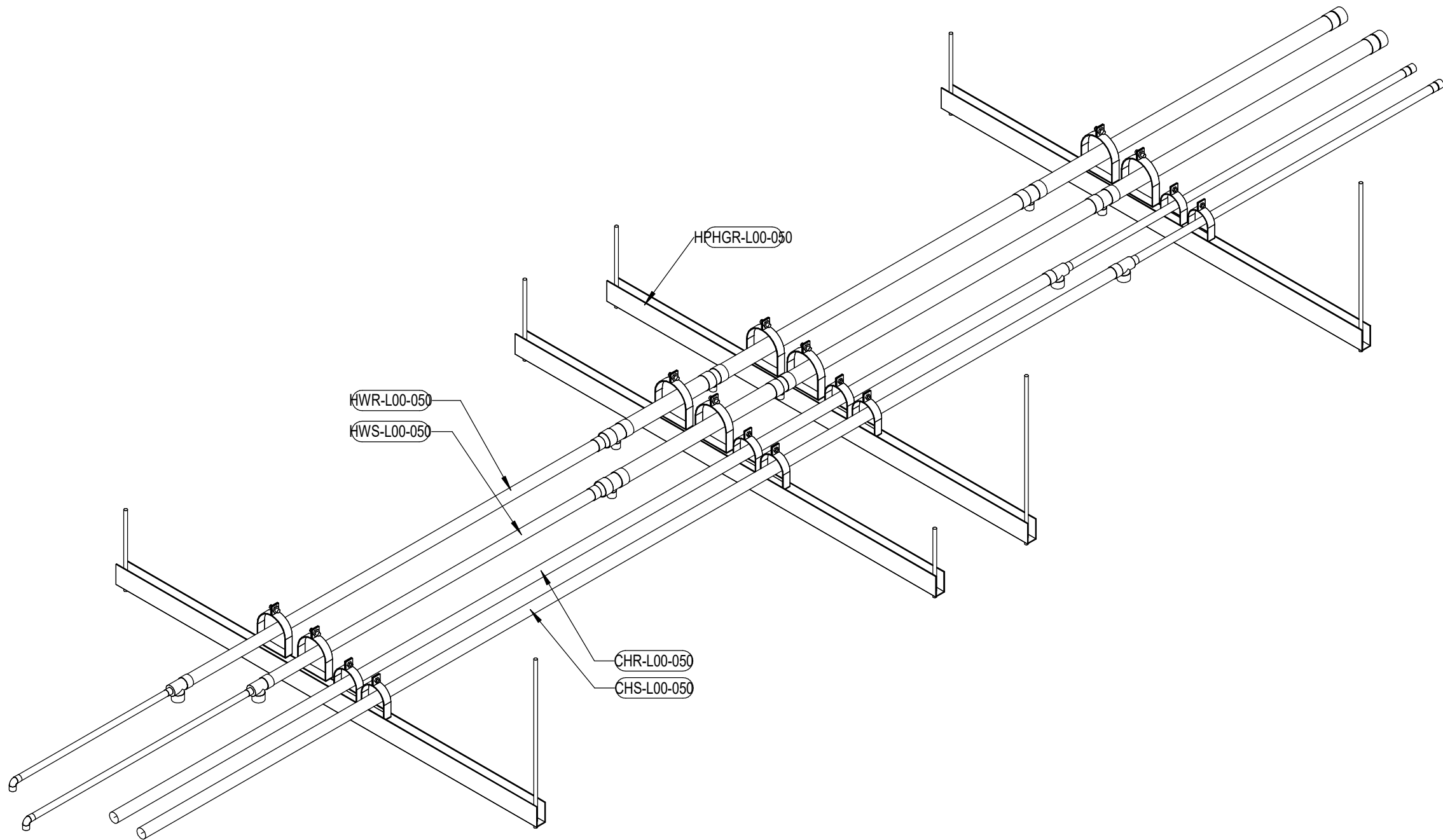
Drawn By: Author

DATE: 03/11/21 DATE REQ:



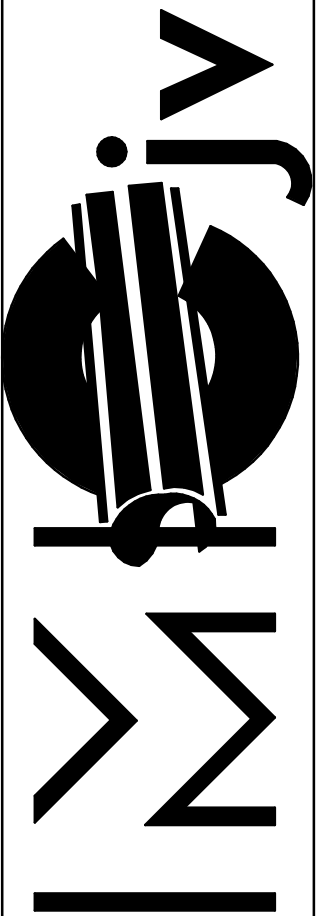
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_HPF.rvt
6/17/2021 2:53:13 PM



1 **HP-L00-050**
SCALE:

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

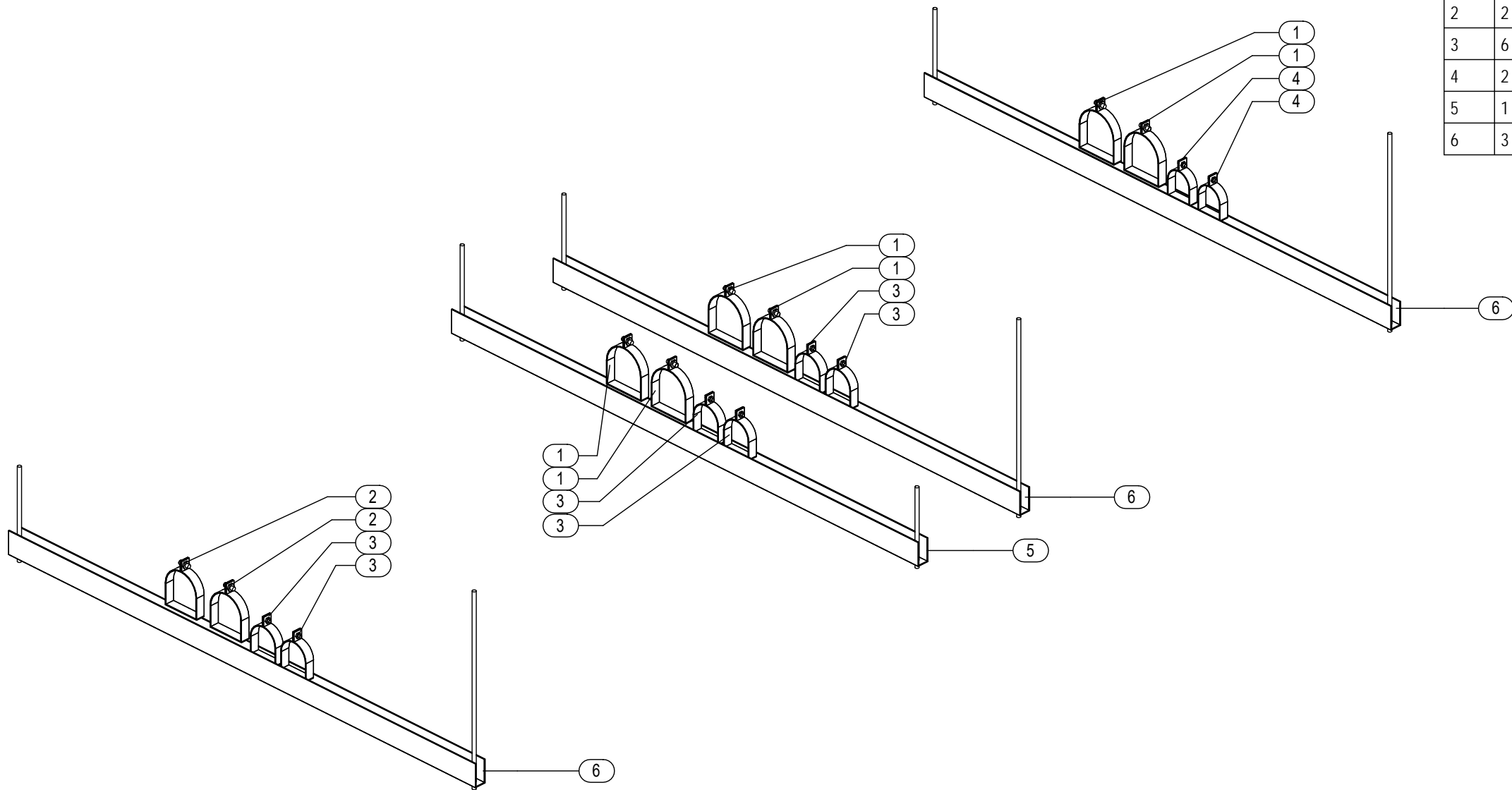
TICKET:

Drawn By: Author

DATE: 06/17/21

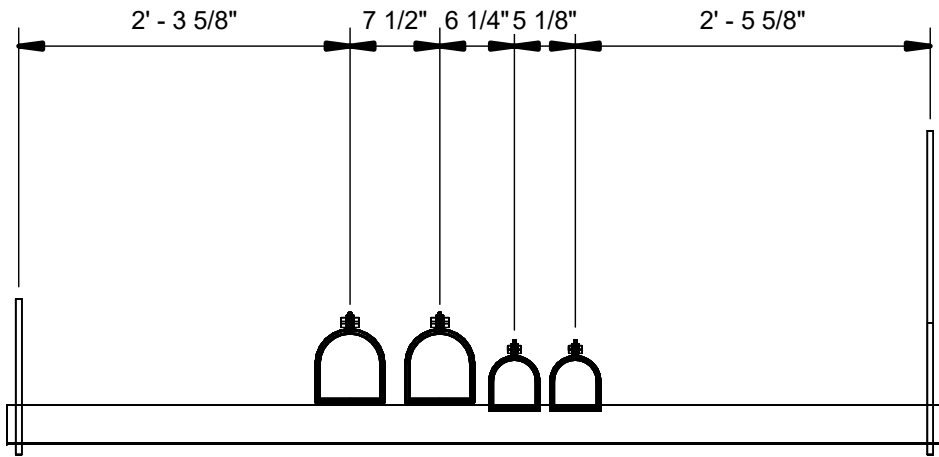
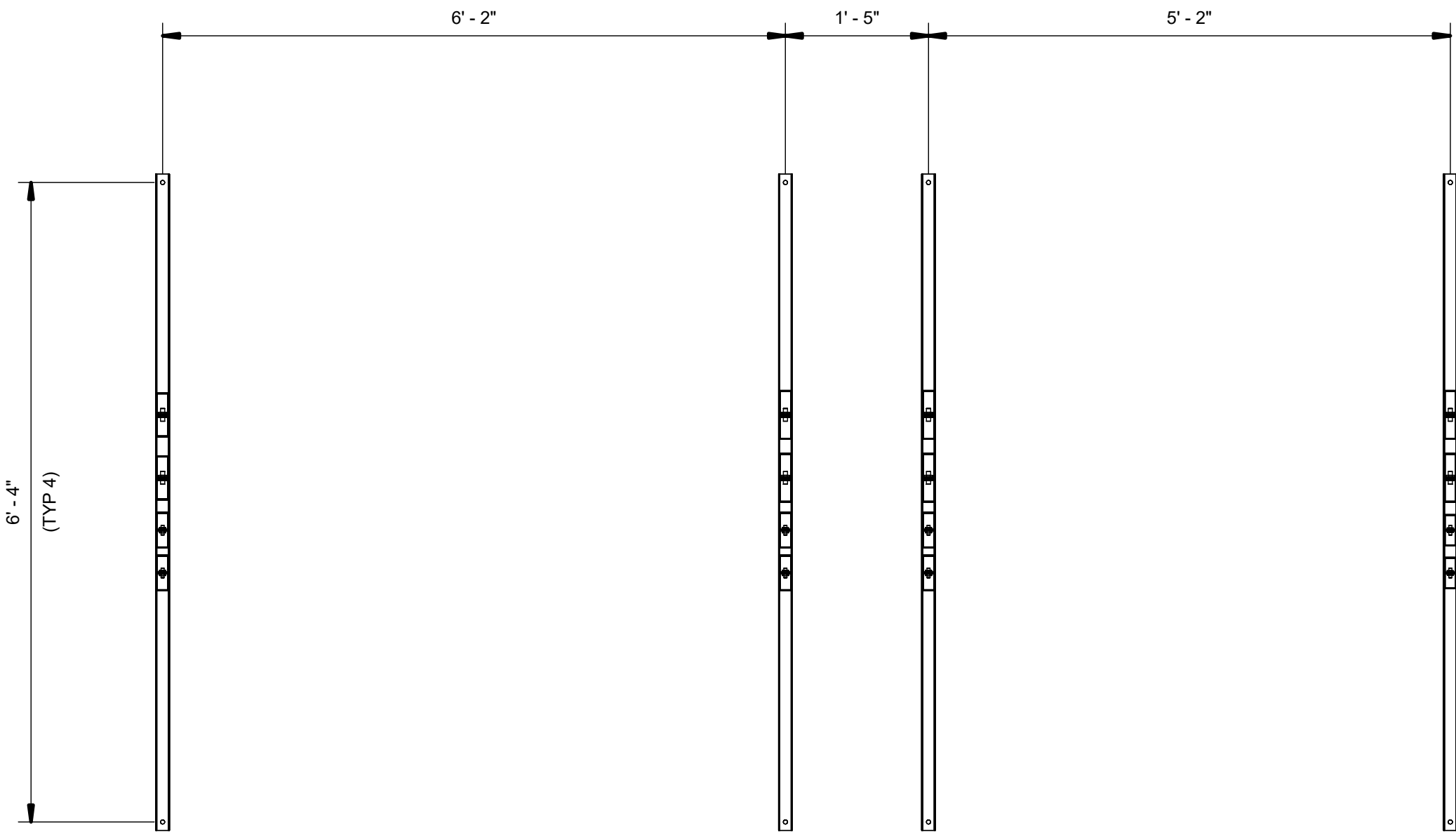
DATE REQ:

BIM 360//WUSM NRBWUSM RB HPF.rvt
6/17/2021 4:27:18 PM



Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	6	5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
2	2	4.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
3	6	3.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
4	2	3"	B-Line B2000 ZN Sch 40 Pipe Clamp					
5	1	74"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		6' - 6"	1' - 1"	11"	
6	3	74"	B-Line 1-5/8 GRN 12GA Bk/Bk 2in Slotted Unistrut		6' - 6"	1' - 1"	2' - 3"	

1 ISOMETRIC
SCALE:



A1	A3	B1	B3
A2	A4	B2	B4

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

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

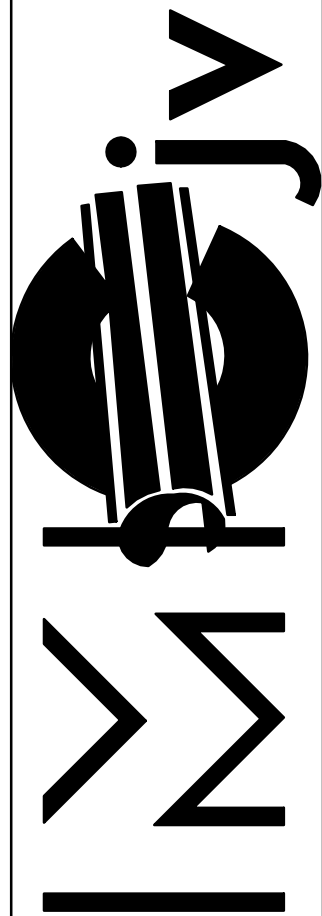
JOB: WASH U NRB

TICKET: HPHGR-L00-050

Drawn By: Author

DATE: 06/11/21

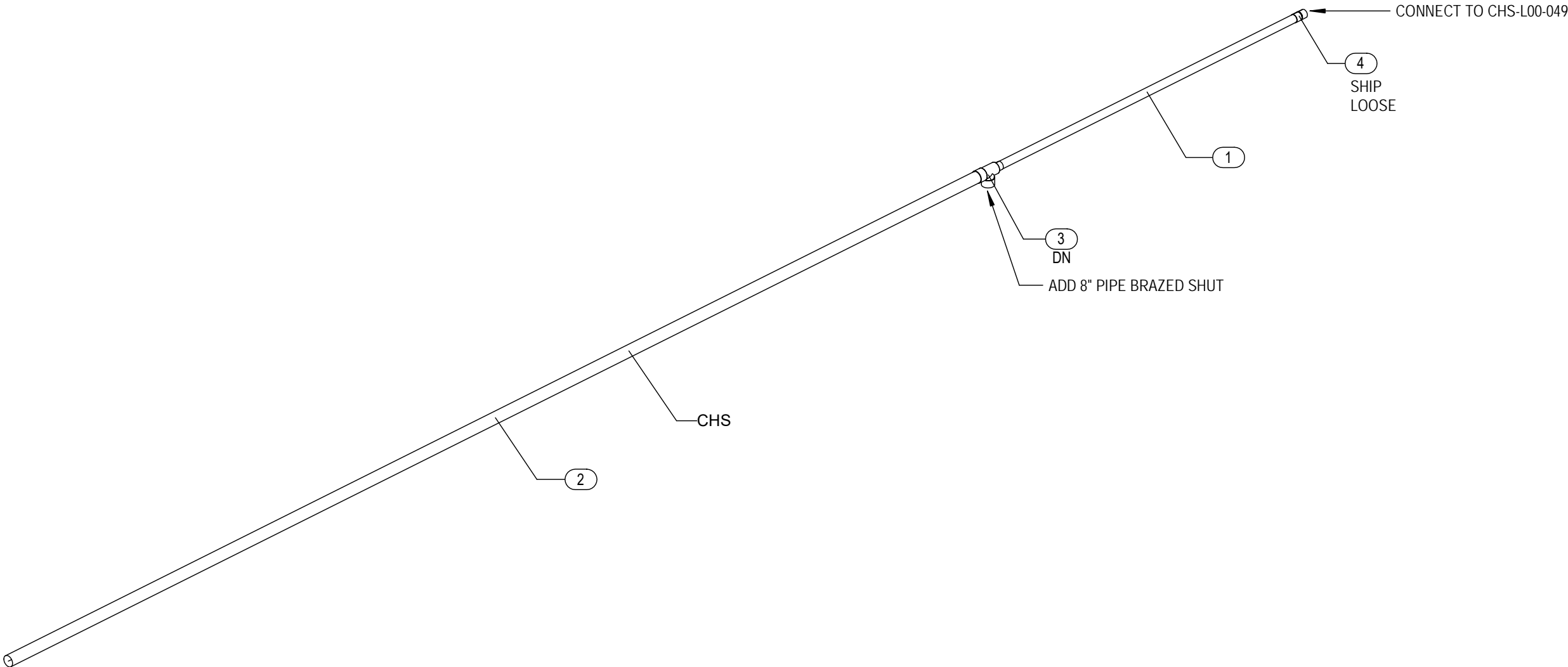
DATE REQ:



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

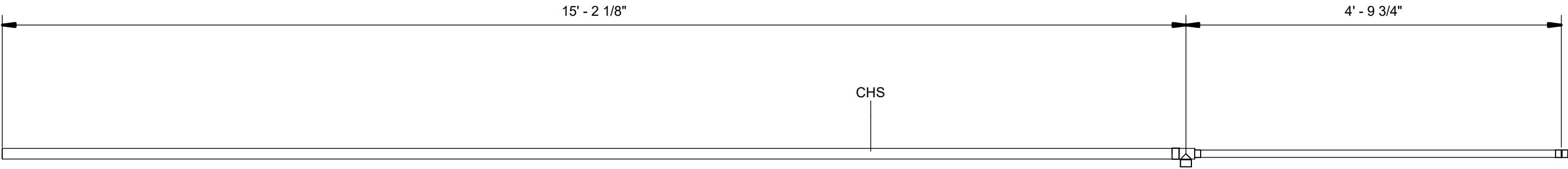
BIM 360//WUSM NRBWUSM_RB_HPF.rvt
6/17/2021 4:05:50 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	1"	Cerro Type K Hard Copper Pipe	4'-8 7/16"				1"
2	1	1 1/2"	Cerro Type K Hard Copper Pipe	15'-1 1/8"				1"
3	1	1 1/2"x1"x1 1/2"	Nibco Wrot 611R CxCxC Reducing Tee					1"
4	1	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



1 ISOMETRIC

SCALE:

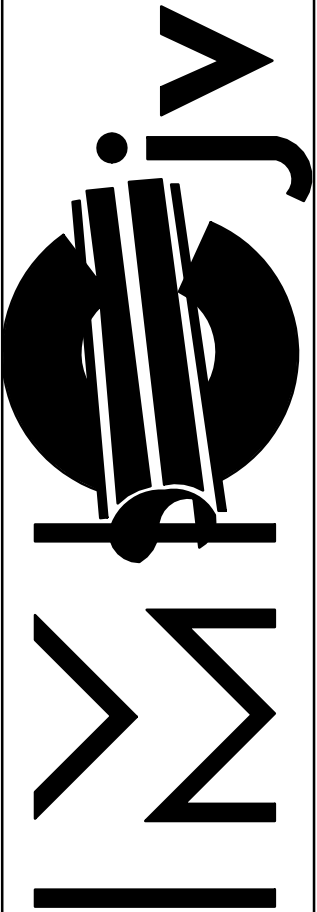


2 RIGHT ELEVATION

SCALE: 3/4\"/>

A1	A3	B1	B3
A2	A4	B2	B4

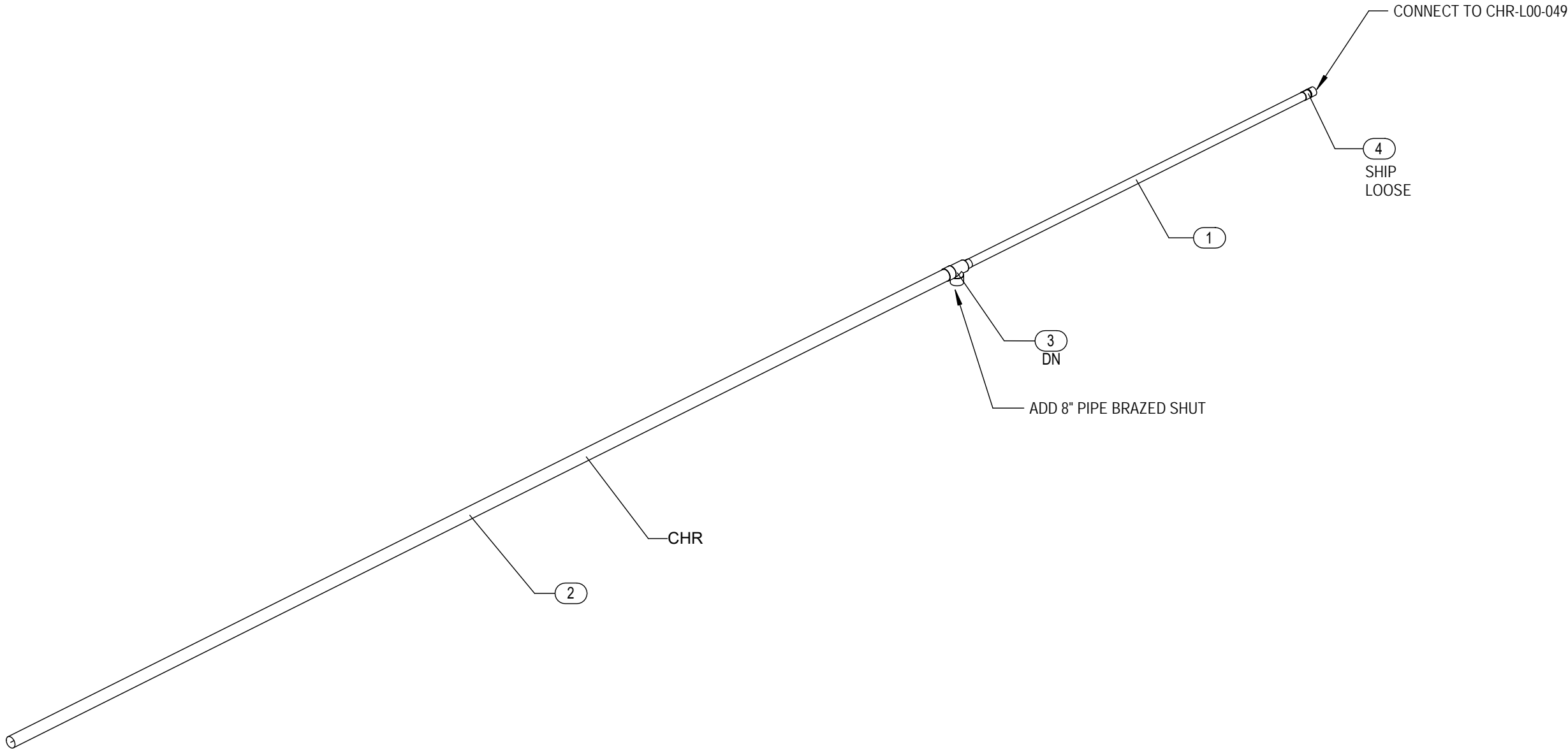
JOB:	WASH U NRB
TICKET:	CHS-L00-050
Drawn By: Author	
DATE: 06/11/21	DATE REQ:



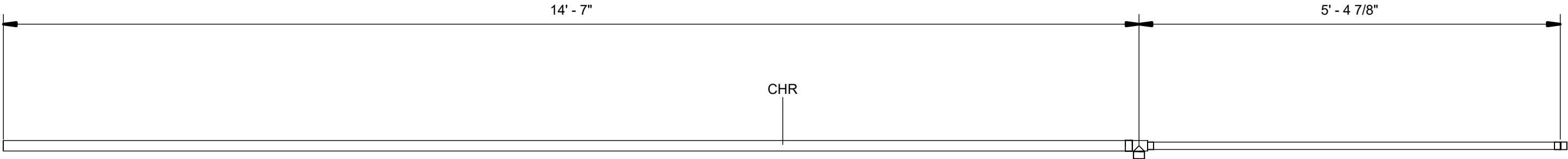
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360//WUSM NRBWUSM_RB_HPF.rvt
6/17/2021 3:42:02 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	1"	Cerro Type K Hard Copper Pipe	5'-3 9/16"				1"
2	1	1 1/2"	Cerro Type K Hard Copper Pipe	14'-5 15/16"				1"
3	1	1 1/2"x1"x1 1/2"	Nibco Wrot 611R CxCxC Reducing Tee					1"
4	1	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"



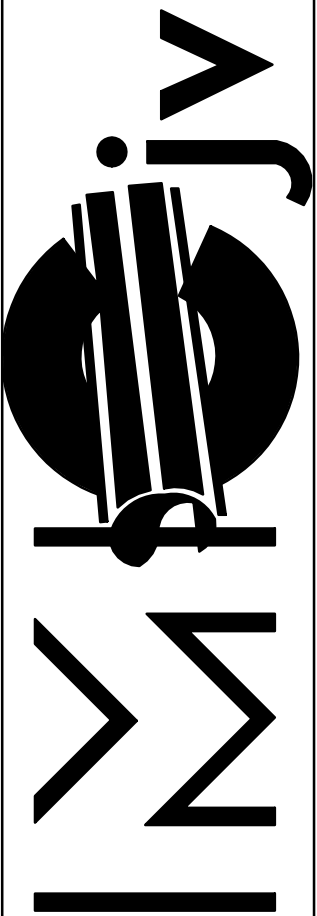
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

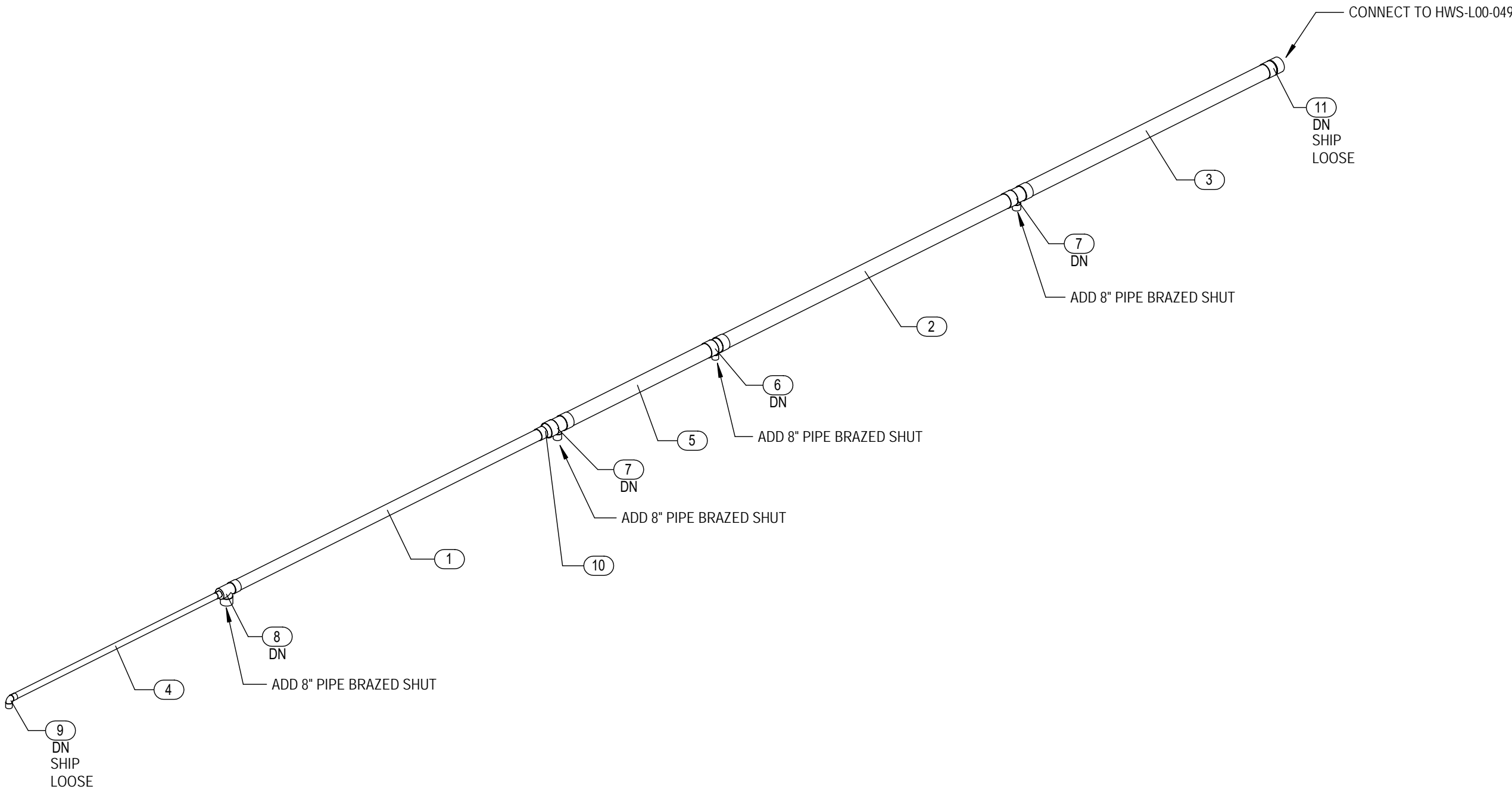
JOB:	WASH U NRB
TICKET:	CHR-L00-050
Drawn By: Author	
DATE: 06/11/21	DATE REQ:



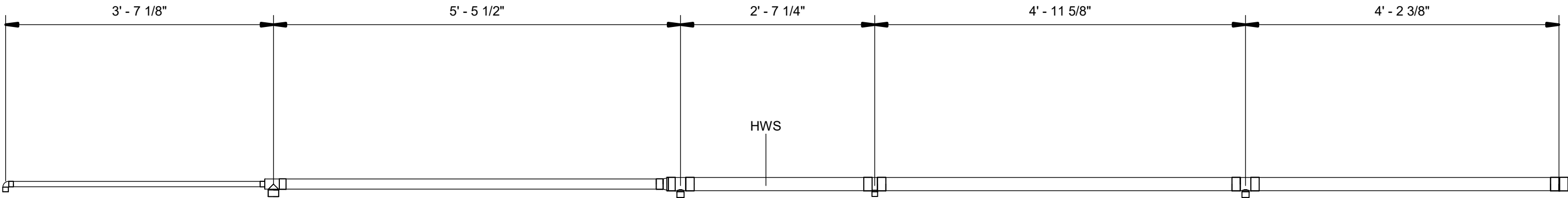
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360//WUSM NRBWUSM RB HPF.rvt
6/17/2021 4:44:53 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	1 1/2"	Cerro Type K Hard Copper Pipe	5'-1 3/4"				1 1/2"
2	1	2"	Cerro Type K Hard Copper Pipe	4'-10 3/8"				1 1/2"
3	1	2"	Cerro Type K Hard Copper Pipe	4'-1 9/16"				1 1/2"
4	1	3/4"	Cerro Type K Hard Copper Pipe	3'-5 1/4"				1"
5	1	2"	Cerro Type K Hard Copper Pipe	2'-5 15/16"				1 1/2"
6	1	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
7	2	2"x1"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
8	1	1 1/2"x3/4"x1 1/2"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
9	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
10	1	2"x1 1/2"	Nibco Wrot 600-2 Flg Red FTGxC					1 1/2"
11	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



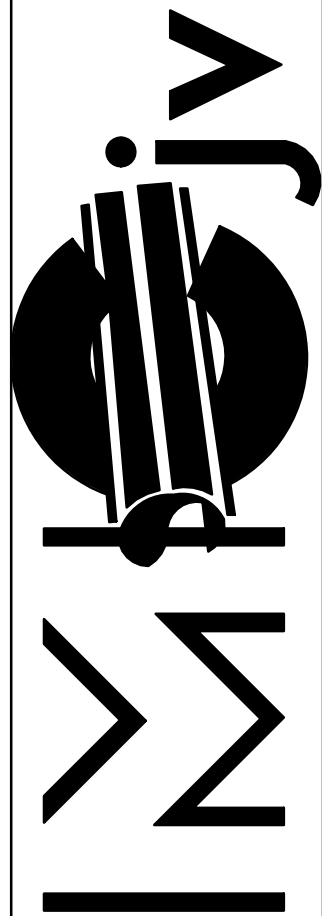
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

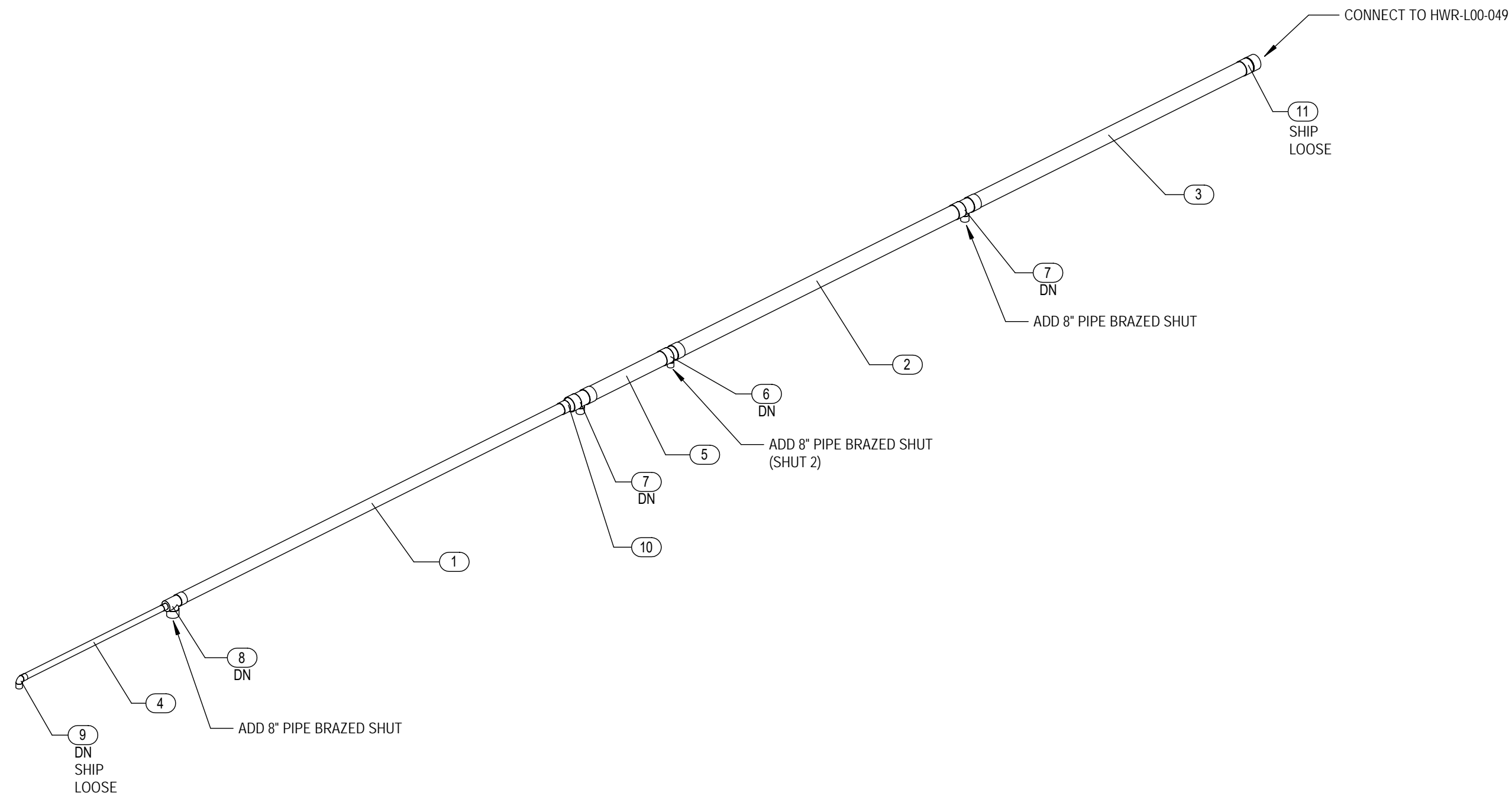
JOB: WASH U NRB
TICKET: HWS-L00-050
Drawn By: Author
DATE: 06/11/21
DATE REQ:



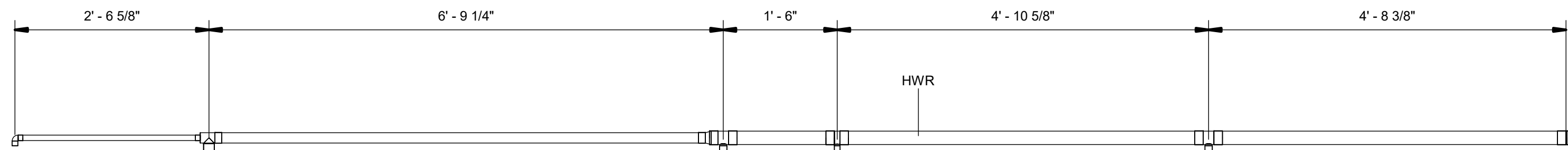
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

6/17/2021 4:42:06 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	1 1/2"	Cerro Type K Hard Copper Pipe	6'-5 7/16"				1 1/2"
2	1	2"	Cerro Type K Hard Copper Pipe	4'-9 3/8"				1 1/2"
3	1	2"	Cerro Type K Hard Copper Pipe	4'-7 9/16"				1 1/2"
4	1	3/4"	Cerro Type K Hard Copper Pipe	2'-4 3/4"				1"
5	1	2"	Cerro Type K Hard Copper Pipe	1'-4 11/16"				1 1/2"
6	1	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
7	2	2"x1"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
8	1	1 1/2"x3/4"x1 1/2"	Nibco Wrot 611R CxCxC Reducing Tee					1 1/2"
9	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC					1"
10	1	2"x1 1/2"	Nibco Wrot 600-2 Flg Red FTGxC					1 1/2"
11	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"



1 ISOMETRIC



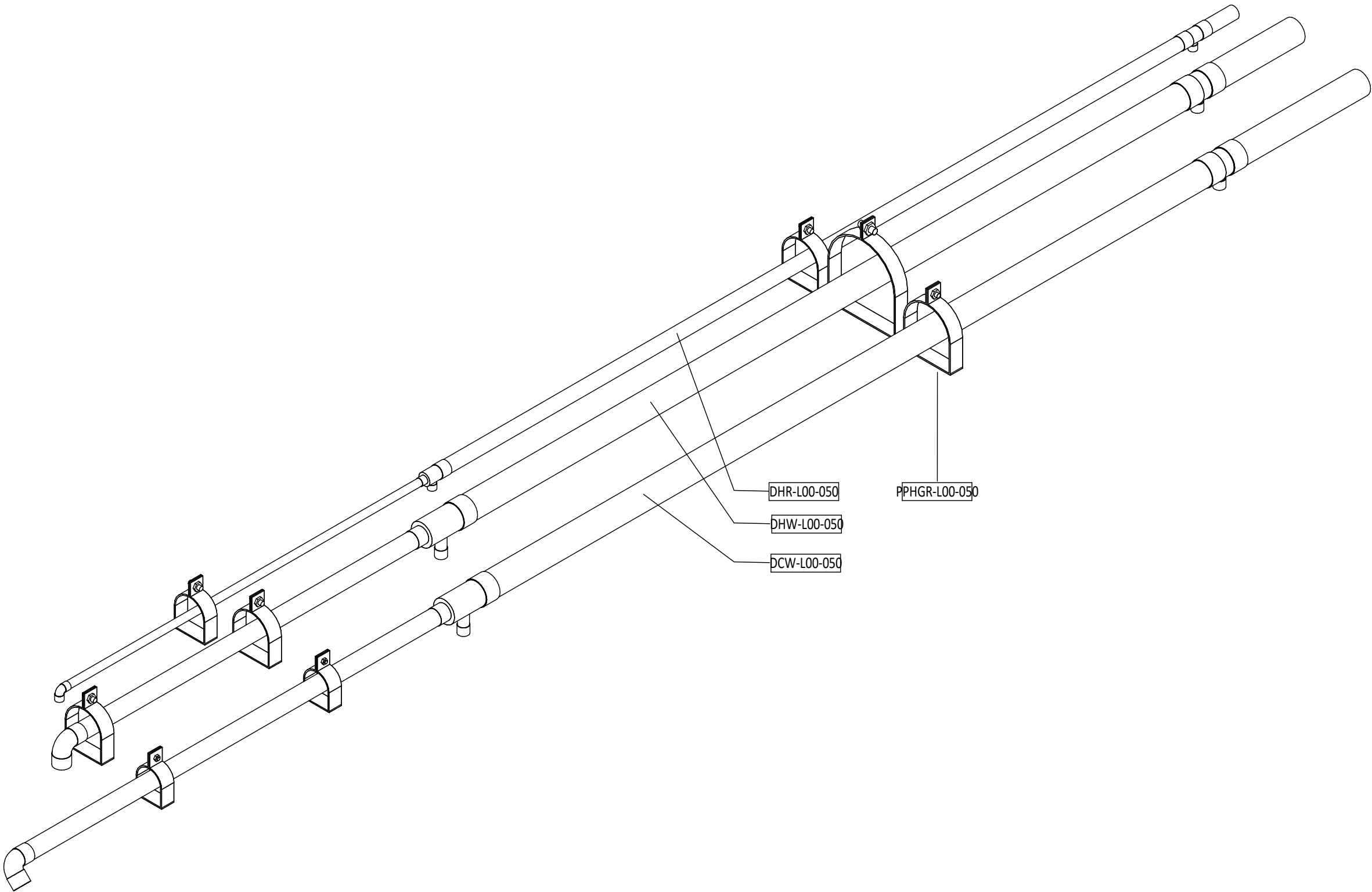
2 RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

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

BIM 360://WUSM NRB/WUSM RB PLF.rvt
6/30/2021 3:51:40 PM



1 PP-L00-050
SCALE:

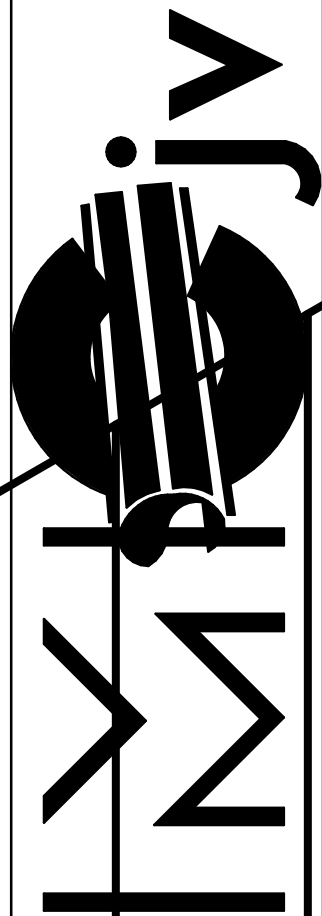
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET:

Drawn By: Author

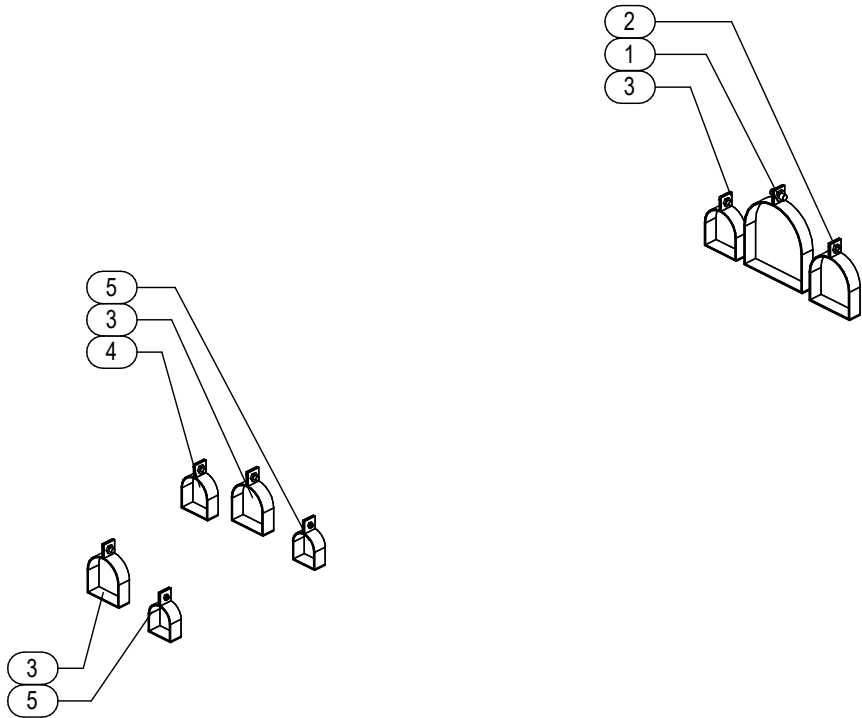
DATE: 06/17/21 DATE REQ:



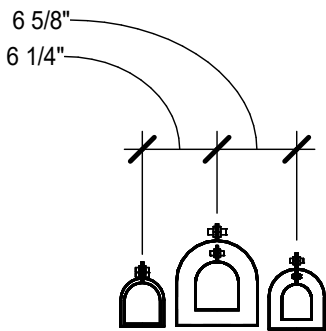
1233 N. Price Rd.
St. Louis, Mo 63132-2308
314-997-6600 phone

BIM 360://WUSM NRB/WUSM RB_PLF.rvt
6/30/2021 3:46:00 PM

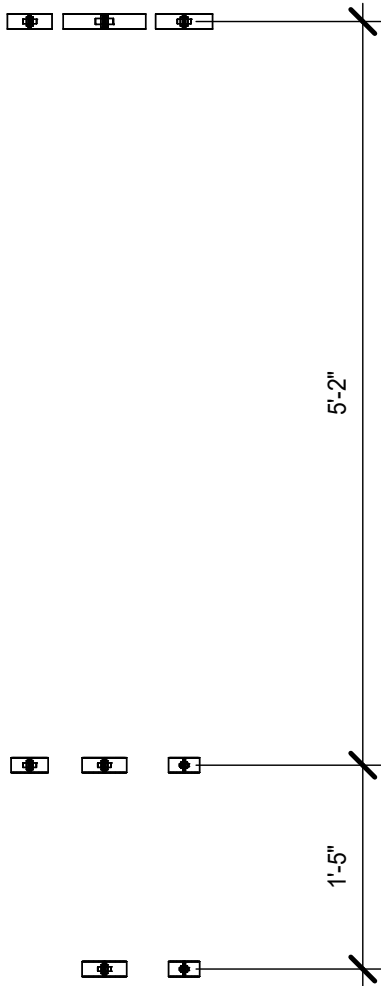
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	6"	B-Line B2000 ZN Sch 40 Pipe Clamp					
2	1	4"	B-Line B2000 ZN Sch 40 Pipe Clamp					
3	3	3"	B-Line B2000 ZN Sch 40 Pipe Clamp					
4	1	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
5	2	2"	B-Line B2000 ZN Sch 40 Pipe Clamp					



1 ISOMETRIC
SCALE:



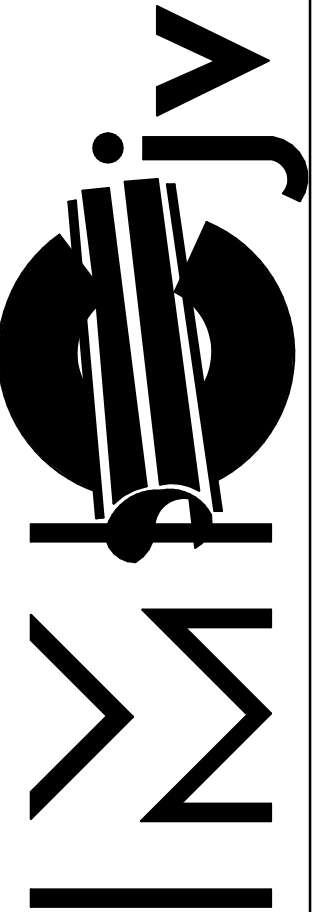
5 FRONT ELEVATION
SCALE: 3/4" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

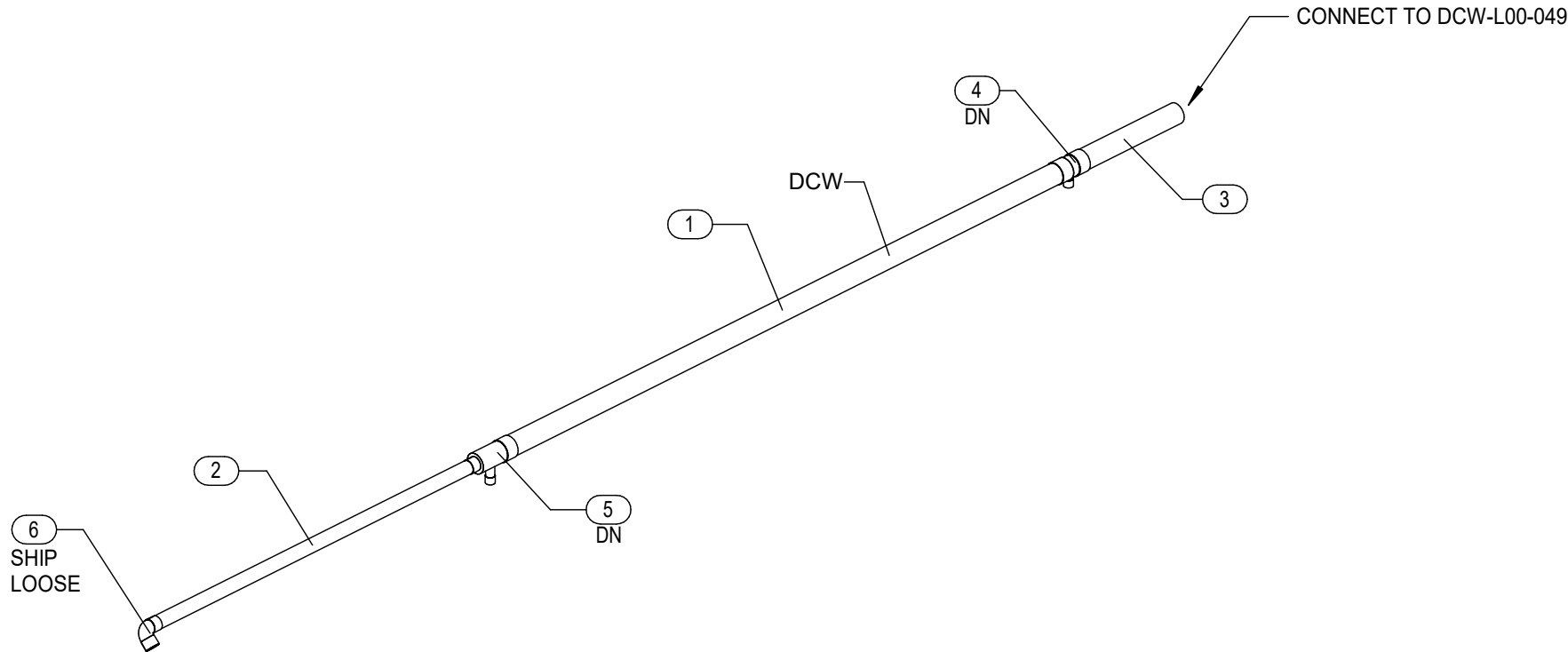
JOB:	WASH U NRB
TICKET:	PPHGR-L00-050
Drawn By: Author	
DATE: 06/04/21	DATE REQ:



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

BIM 360://WUSM NRB/WUSM RB_PLF.rvt
6/30/2021 3:42:20 PM

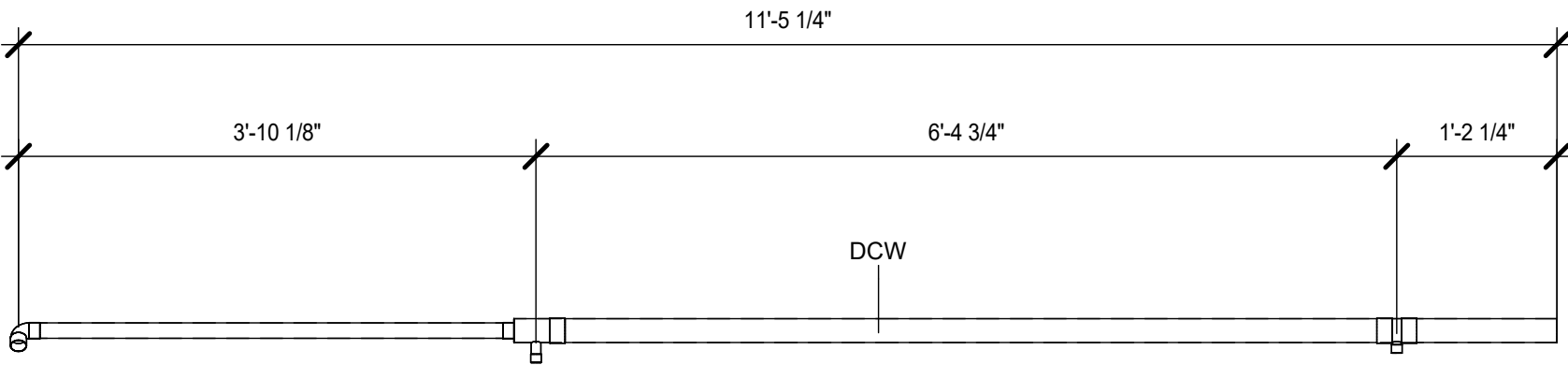
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	2"	Cerro Type L Hard Copper Pipe	6'-3 1/16"				1"
2	1	1 1/4"	Cerro Type L Hard Copper Pipe	3'-7 1/4"				1/2"
3	1	2"	Cerro Type L Hard Copper Pipe	1'-1 7/8"				1"
4	1	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
5	1	2"x1 1/4"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					1"
6	1	1 1/4"	Nibco Wrot 607 90 Deg Ell CxC					1/2"



1

ISOMETRIC

SCALE:



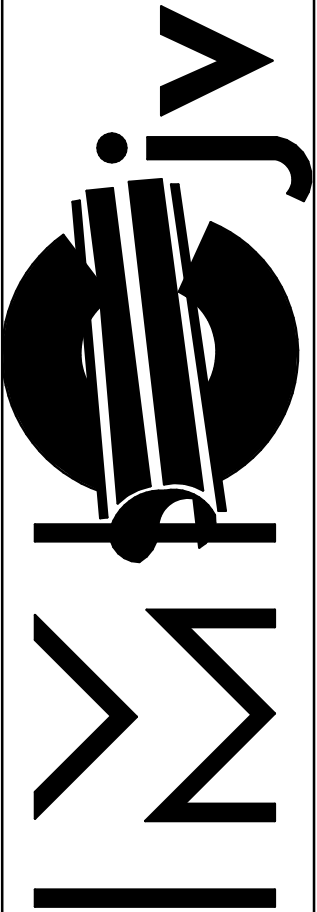
2

RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

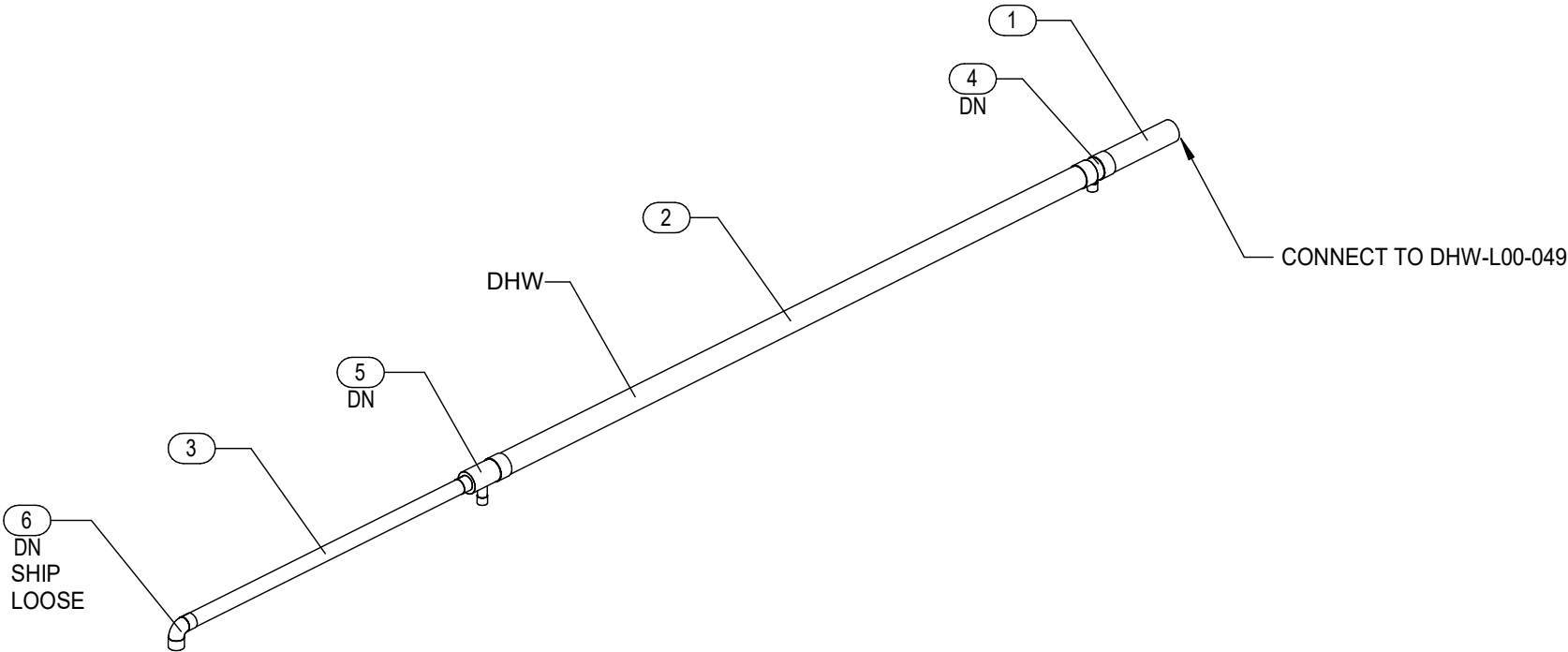
JOB:	WASH U NRB
TICKET:	DCW-L00-050
Drawn By: Author	
DATE: 06/04/21	DATE REQ:



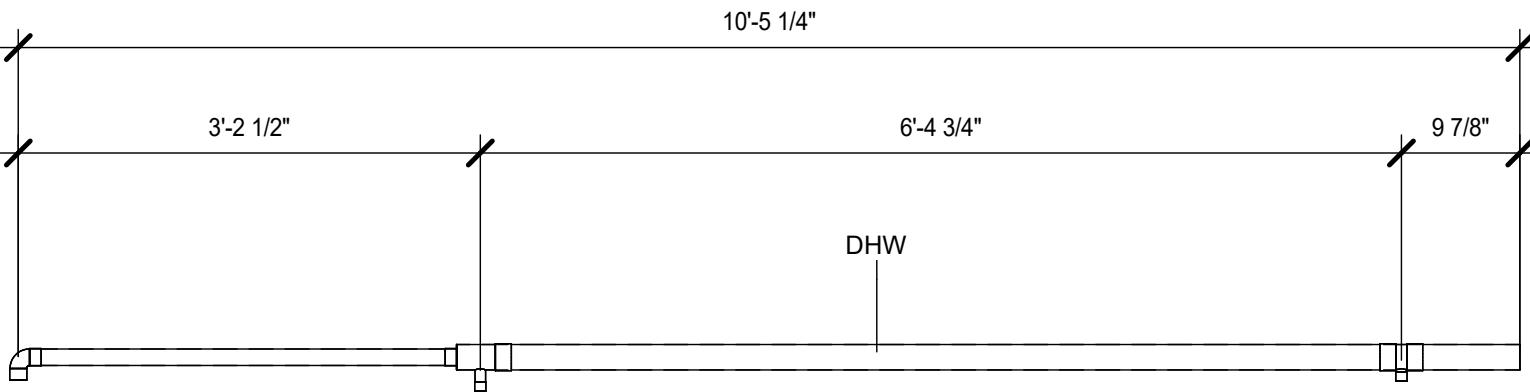
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRB/WUSM RB_PLF.rvt
6/30/2021 3:44:21 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	2"	Cerro Type L Hard Copper Pipe	0'-9 7/16"				2"
2	1	2"	Cerro Type L Hard Copper Pipe	6'-3 1/8"				2"
3	1	1 1/4"	Cerro Type L Hard Copper Pipe	2'-11 5/8"				1"
4	1	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					2"
5	1	2"x1 1/4"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee					2"
6	1	1 1/4"	Nibco Wrot 607 90 Deg Ell CxC					1"



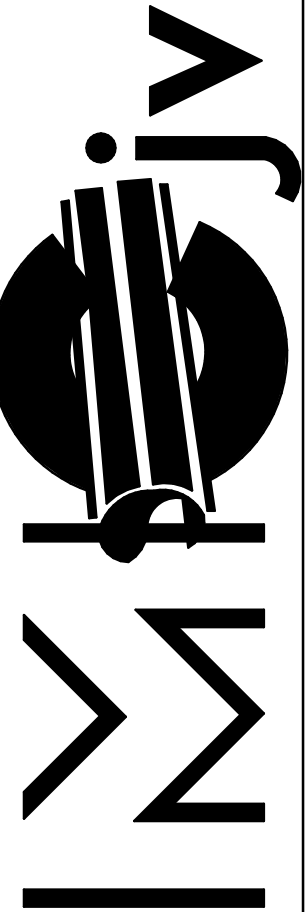
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

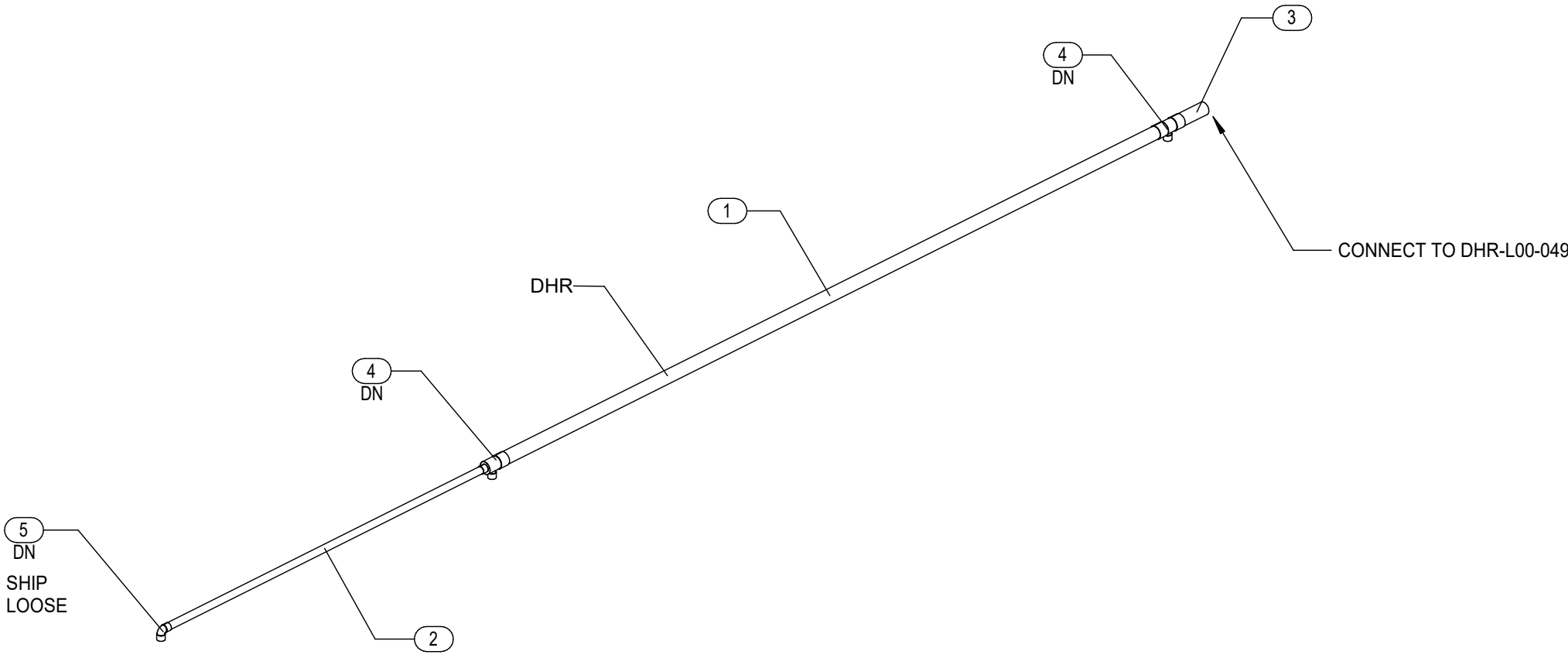
JOB:	WASH U NRB
TICKET:	DHW-L00-050
Drawn By: Author	
DATE: 06/04/21	DATE REQ:



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

BIM 360://WUSM NRB/WUSM RB_PLF.rvt
6/30/2021 3:43:13 PM

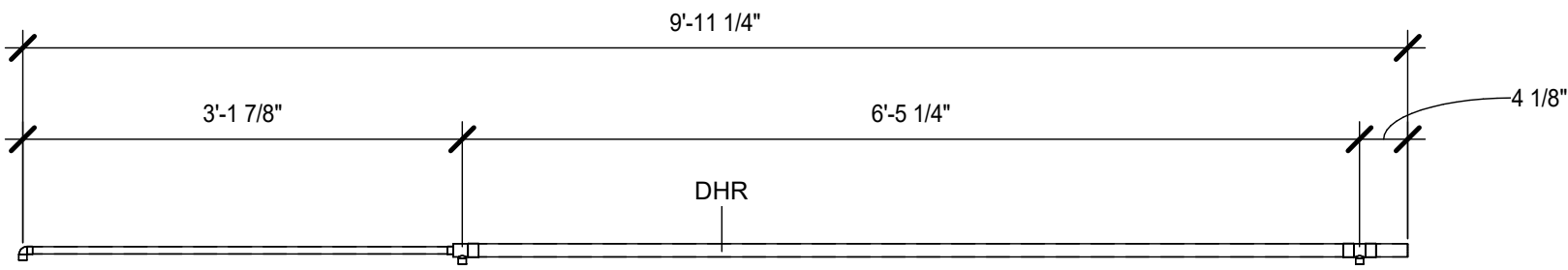
Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation
1	1	1"	Cerro Type L Hard Copper Pipe	6'-4 1/4"				1"
2	1	1/2"	Cerro Type L Hard Copper Pipe	3'-0 11/16"				1"
3	1	1"	Cerro Type L Hard Copper Pipe	0'-3 5/8"				1"
4	2	1"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee					1"
5	1	1/2"	Nibco Wrot 607 90 Deg Ell CxC					1"



1

ISOMETRIC

SCALE:



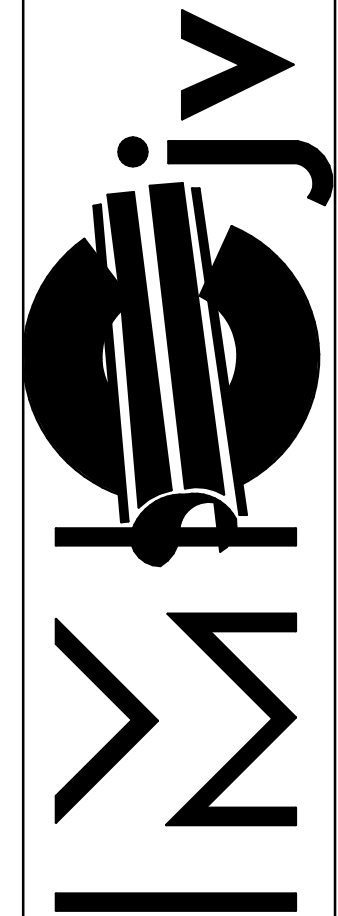
2

RIGHT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	DHR-L00-050
Drawn By: Author	
DATE: 06/04/21	DATE REQ:



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