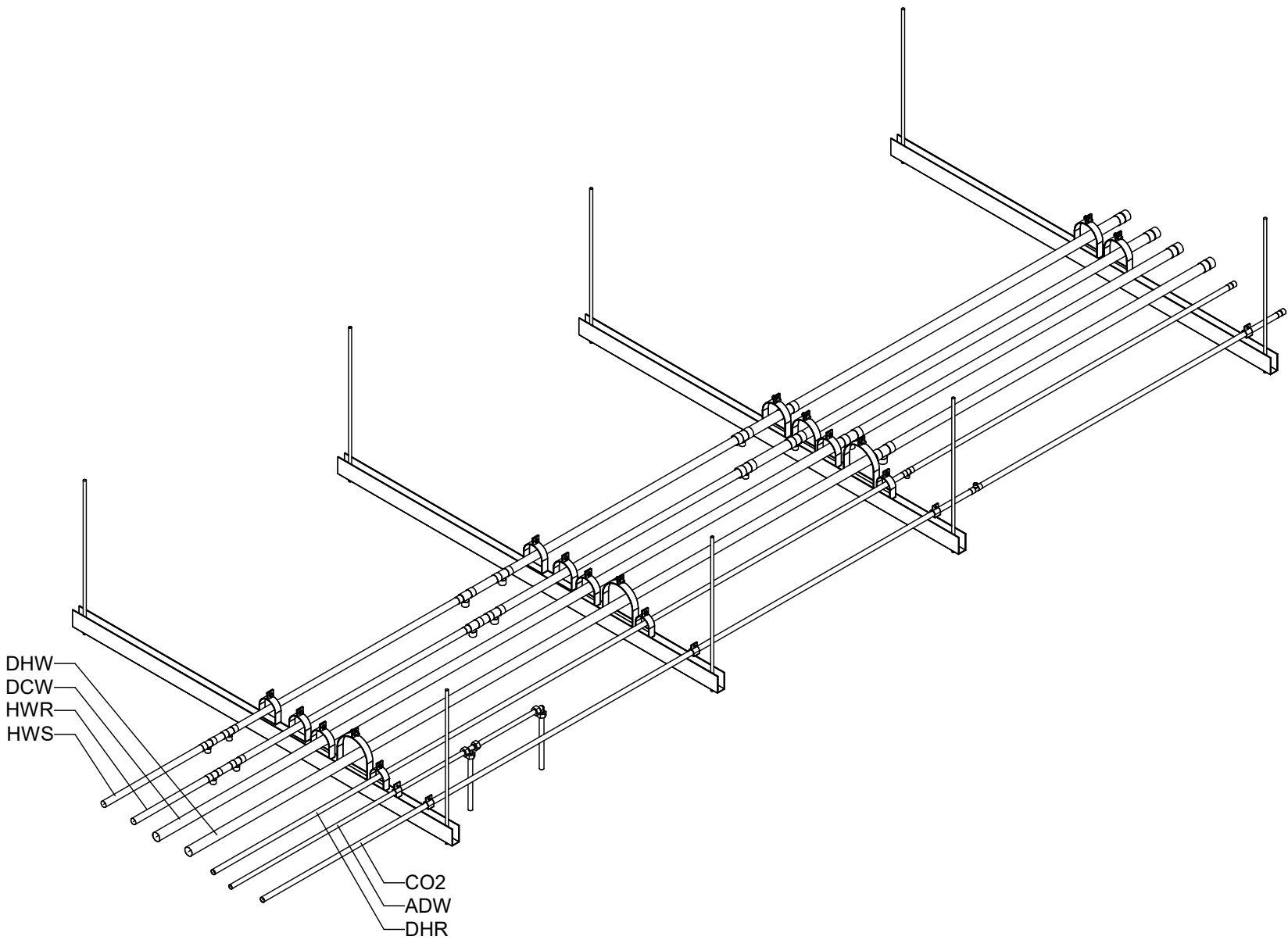
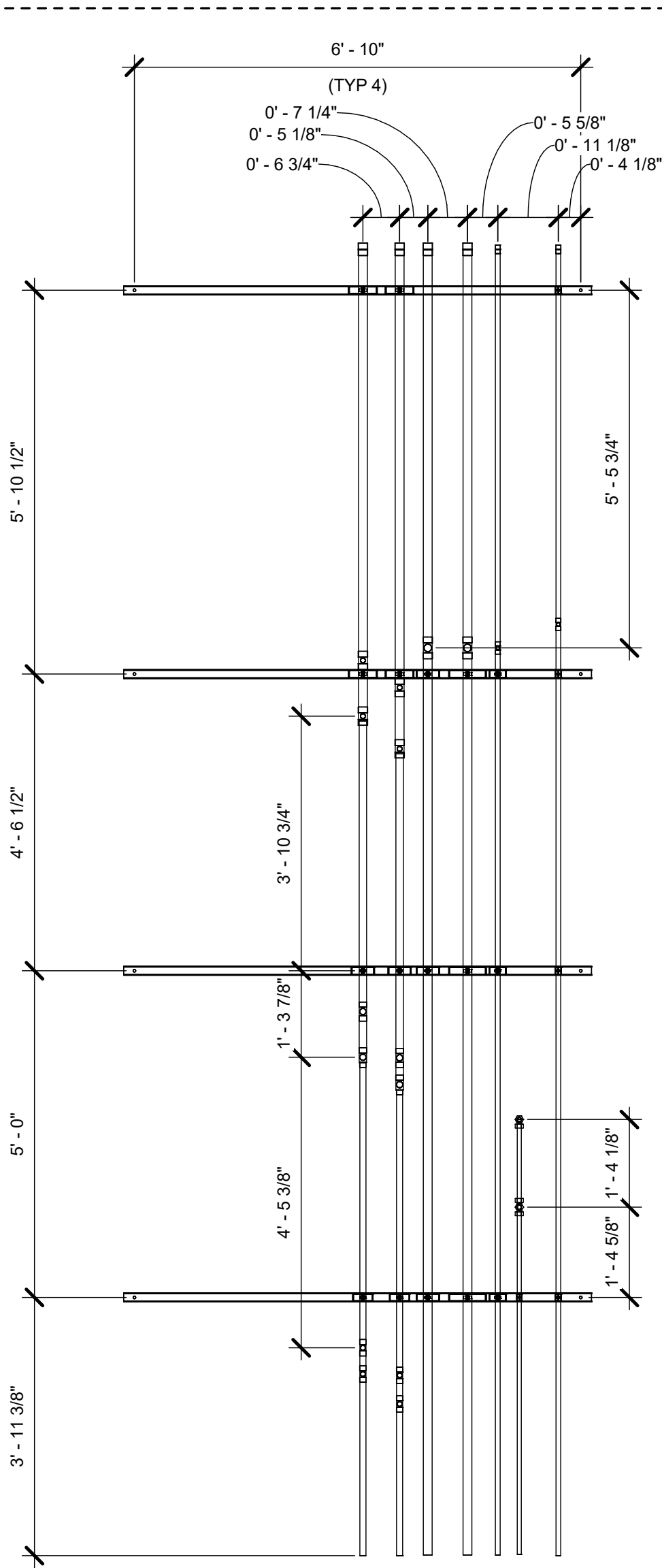


BIM 360//WUSM NRBWUSM\_RB\_SPOOLING MASTER.rvt  
6/22/2021 8:42:03 AM



2 AS-L00-036 - ISOMETRIC  
AS-L00-036 SCALE:

1 AS-L00-036  
AS-L00-036 SCALE: 1/2" = 1'-0"

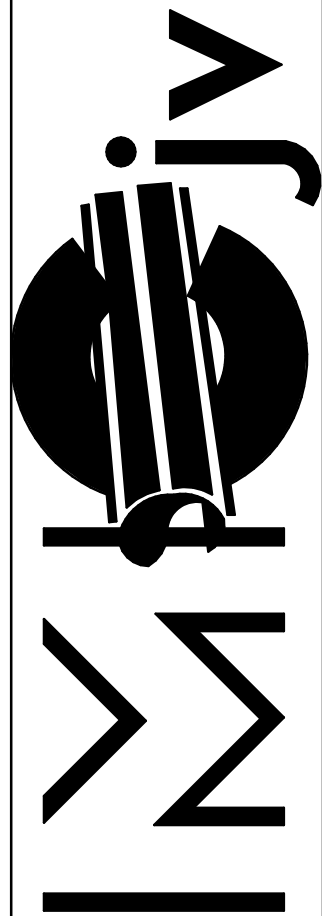
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: AS-L00-036

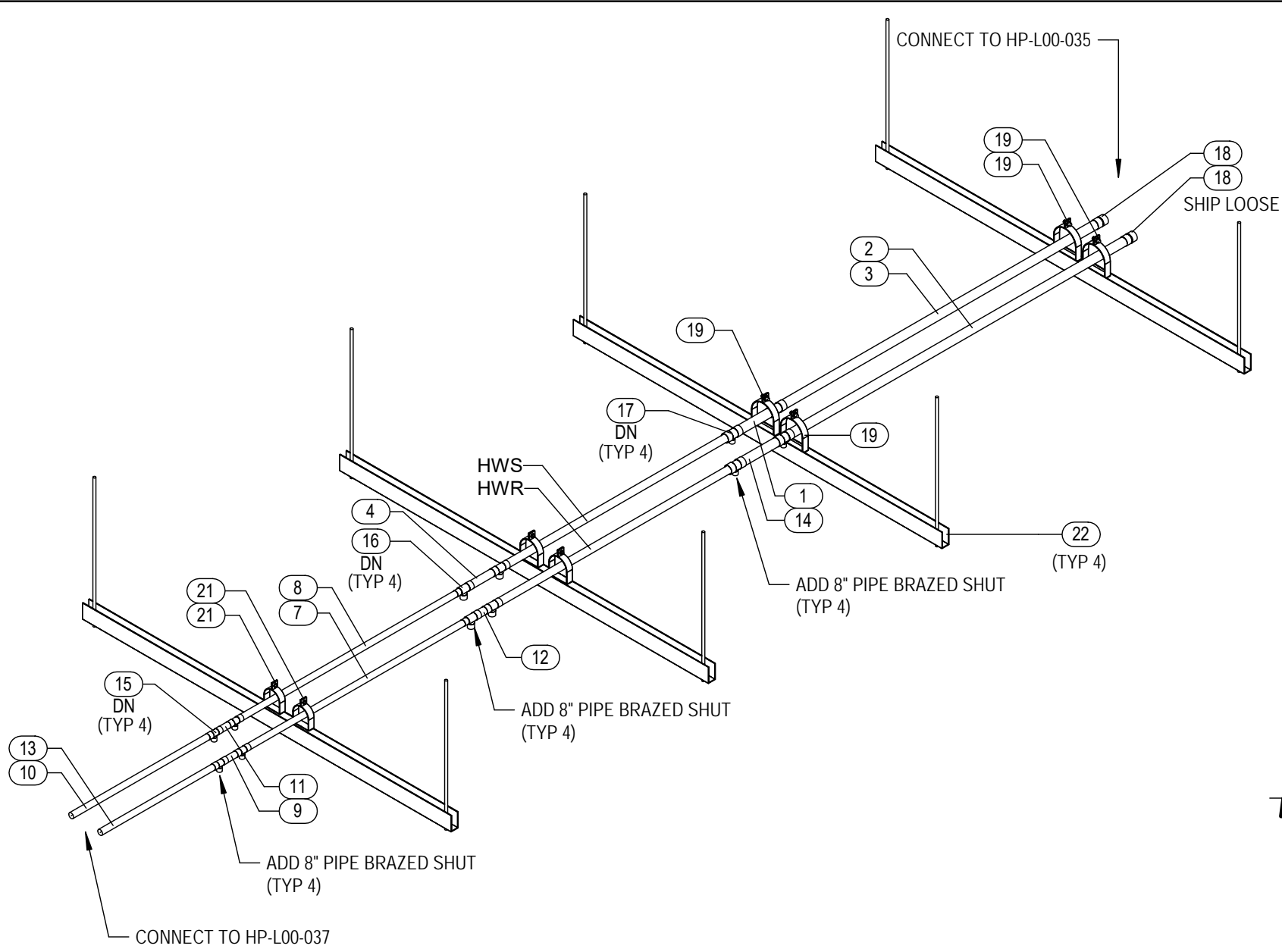
Drawn By: Author

DATE: 03/11/21 DATE REQ:

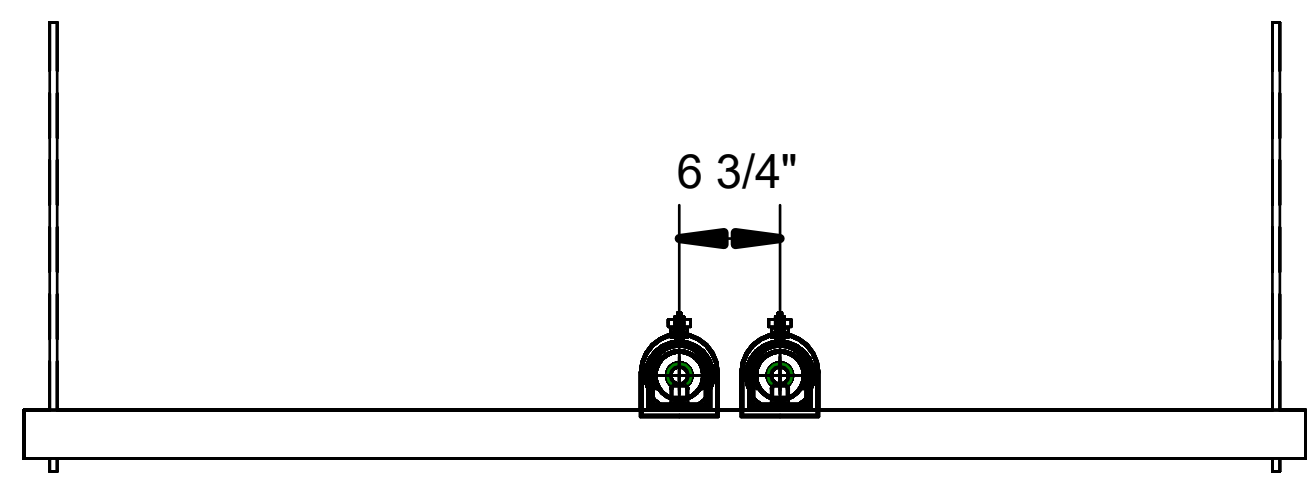


1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360/WUSM NRBWUSM RB HPF.rvt  
5/3/2021 1:13:39 PM



1 ISOMETRIC  
SCALE:

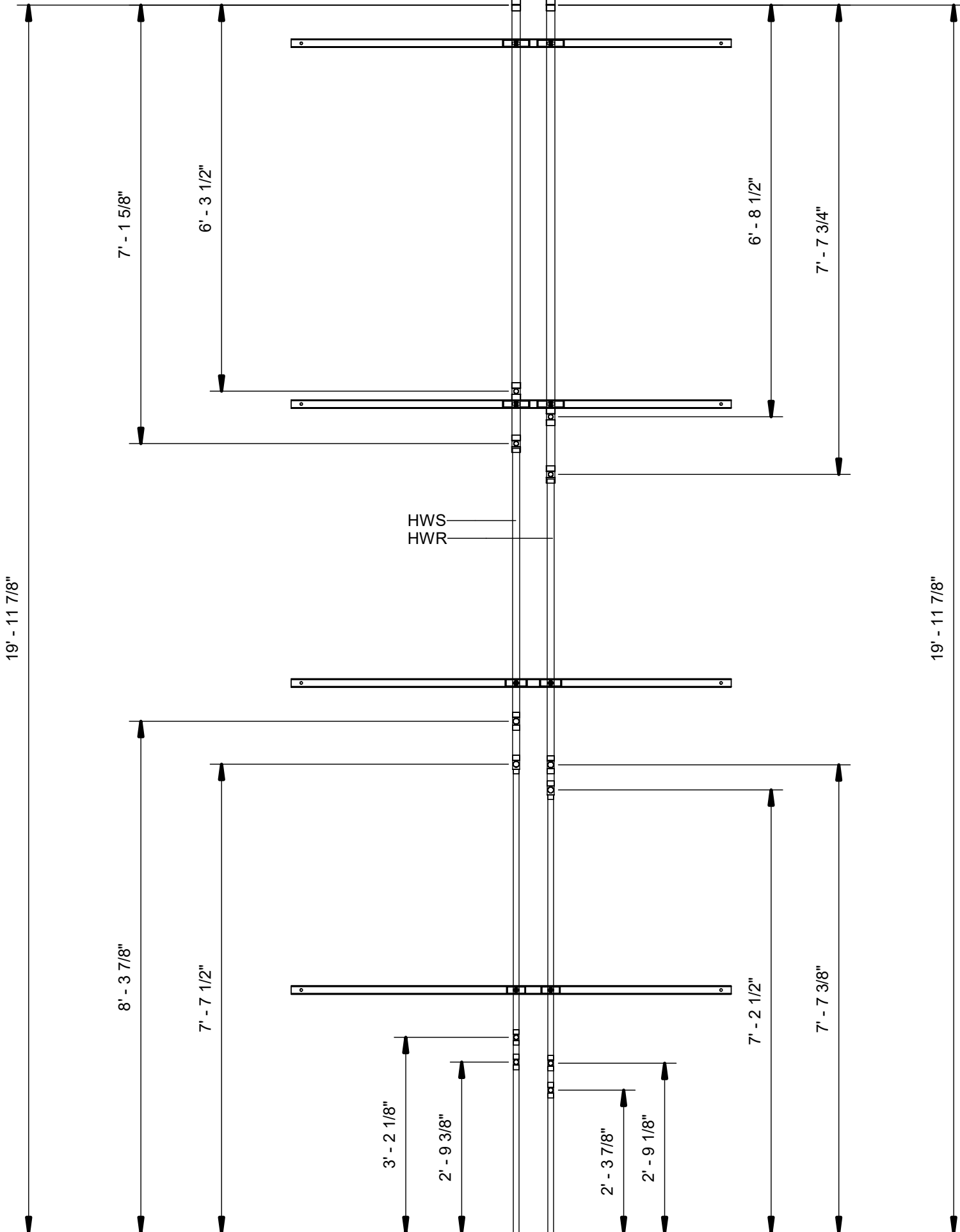


2 FRONT ELEVATION  
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

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

Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-9 1/16"			
2	1	1 1/2"	Cerro Type K Hard Copper Pipe	6'-7 7/8"			
3	1	1 1/2"	Cerro Type K Hard Copper Pipe	6'-2 7/8"			
4	1	1 1/4"	Cerro Type K Hard Copper Pipe	0'-6 13/16"			
5	1	1 1/4"	Cerro Type K Hard Copper Pipe	4'-7"			
6	1	1 1/4"	Cerro Type K Hard Copper Pipe	4'-4 1/2"			
7	1	1"	Cerro Type K Hard Copper Pipe	4'-3 13/16"			
8	1	1"	Cerro Type K Hard Copper Pipe	4'-3 3/4"			
9	1	1"	Cerro Type K Hard Copper Pipe	0'-4 1/16"			
10	1	1"	Cerro Type K Hard Copper Pipe	2'-8 3/4"			
11	1	1"	Cerro Type K Hard Copper Pipe	0'-3 5/8"			
12	1	1 1/4"	Cerro Type K Hard Copper Pipe	0'-3 5/16"			
13	1	1"	Cerro Type K Hard Copper Pipe	2'-3 1/4"			
14	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-10 1/16"			
15	4	1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
16	4	1 1/4"x1"	Nibco Wrot 611R CxCxC Reducing Tee				
17	4	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
18	2	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
19	4	4.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
20	2	3.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
21	2	3"	B-Line B2000 ZN Sch 40 Pipe Clamp				
22	4	80"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		7' - 2"	2' - 6 1/8"	2' - 6 1/8"



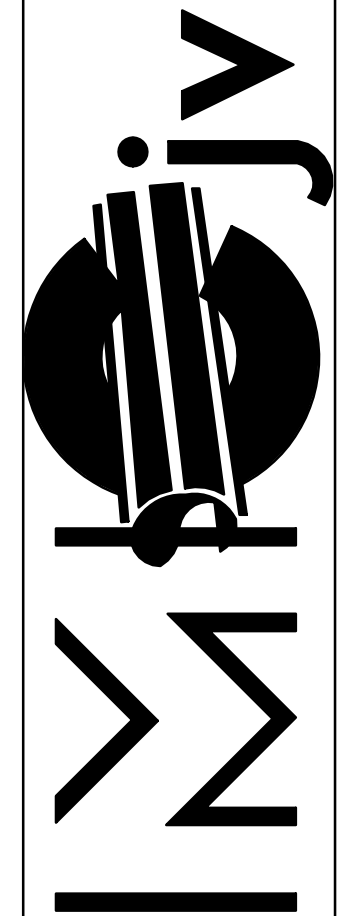
JOB: WASH U NRB

TICKET: HP-L00-036

Drawn By: Author

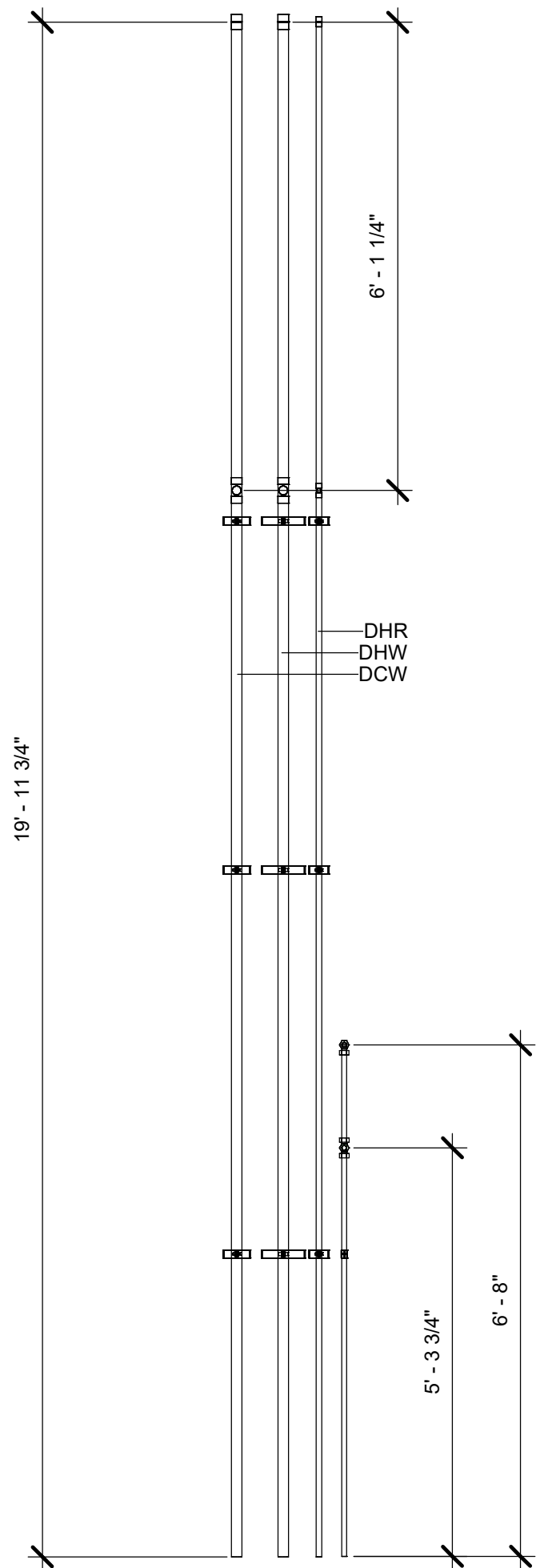
DATE: 04/14/21

DATE REQ:



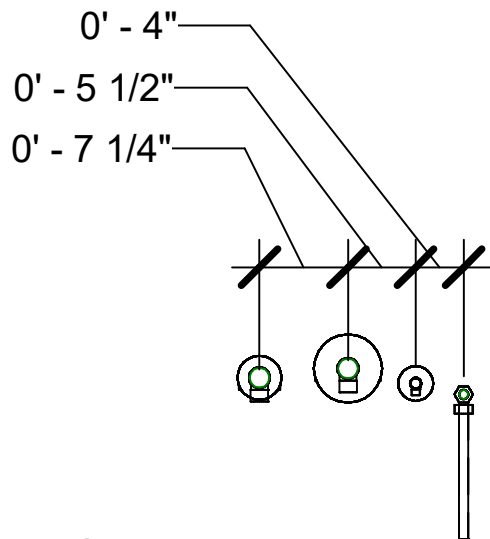
1233 N. Price Rd.  
St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_PLF.rvt  
5/3/2021 4:22:24 PM

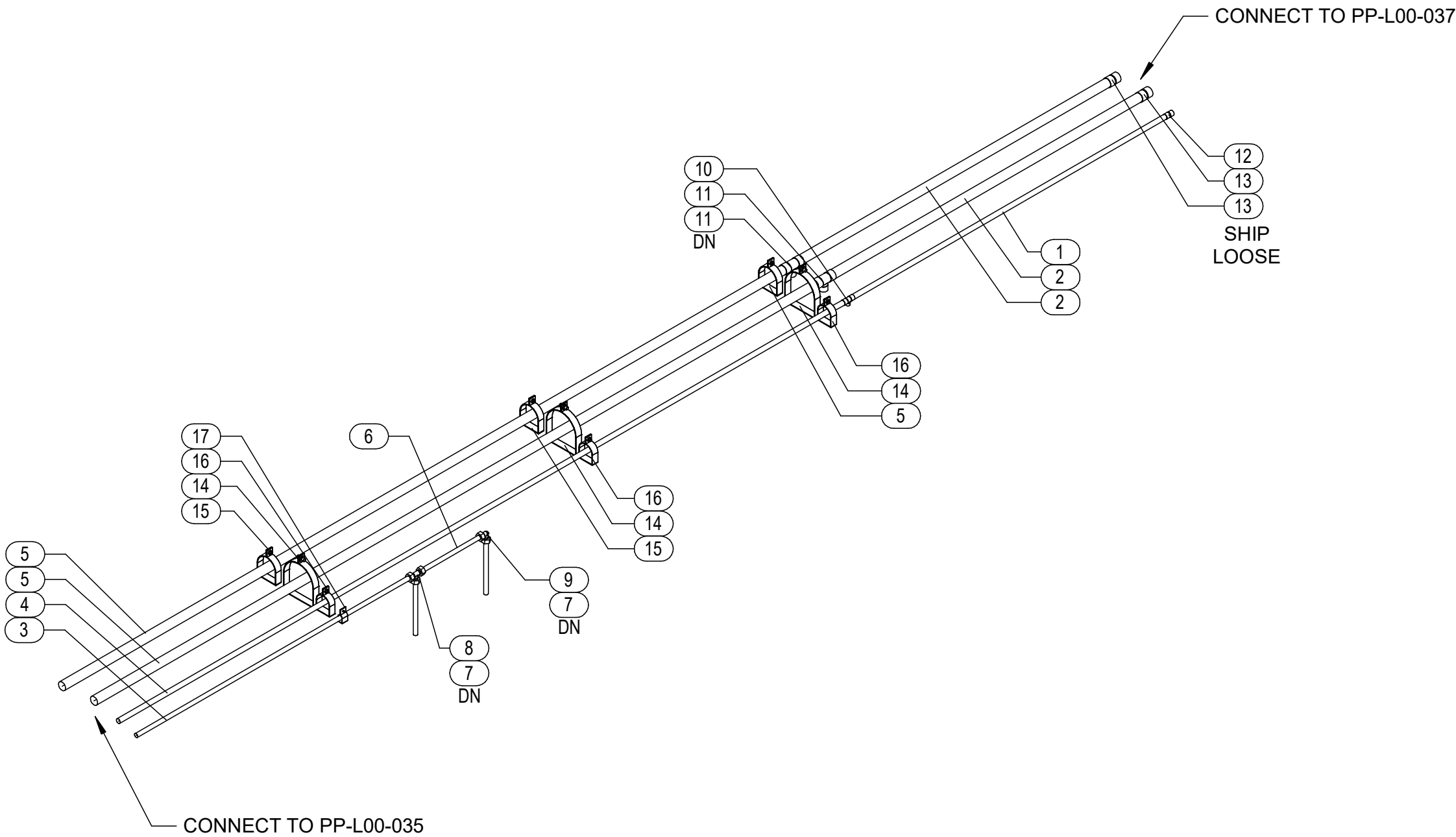


Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	3/4"	Cerro Type L Hard Copper Pipe	6'-0 13/16"			
2	2	1 1/2"	Cerro Type L Hard Copper Pipe	6'-0 1/4"			
3	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	5'-3 5/16"			
4	1	3/4"	Cerro Type L Hard Copper Pipe	13'-10 1/4"			
5	2	1 1/2"	Cerro Type L Hard Copper Pipe	13'-9 11/16"			
6	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-2 13/16"			
7	2	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-11 1/4"			
8	1	3/4"	Swagelok SS316 Compression Union Tee				
9	1	3/4"	Swagelok SS316 Compression Union 90 Elbow				
10	1	3/4"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee				
11	2	1 1/2"x1 1/4"	Nibco Wrot 611R CxCxC Reducing Tee				
12	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
13	2	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
14	3	6"	B-Line B2000 ZN Sch 40 Pipe Clamp		0' - 0"	0' - 0"	0' - 0"
15	3	3.5"	B-Line B2000 ZN Sch 40 Pipe Clamp		0' - 0"	0' - 0"	0' - 0"
16	3	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp		0' - 0"	0' - 0"	0' - 0"
17	1	0.5"	B-Line B2000 ZN Sch 40 Pipe Clamp		0' - 0"	0' - 0"	0' - 0"

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



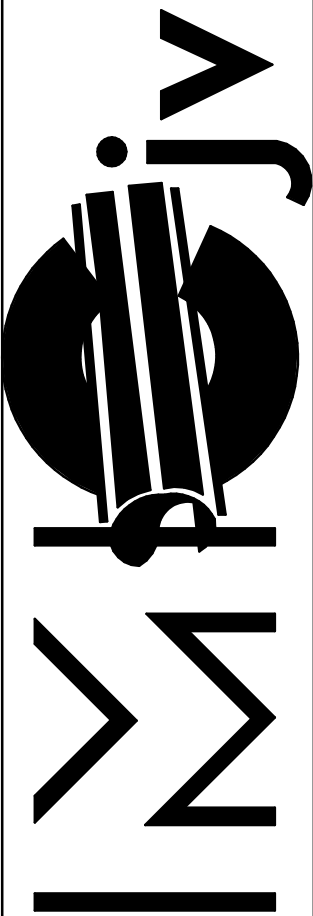
3 FRONT ELEVATION  
SCALE: 1/2" = 1'-0"



1 ISOMETRIC  
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

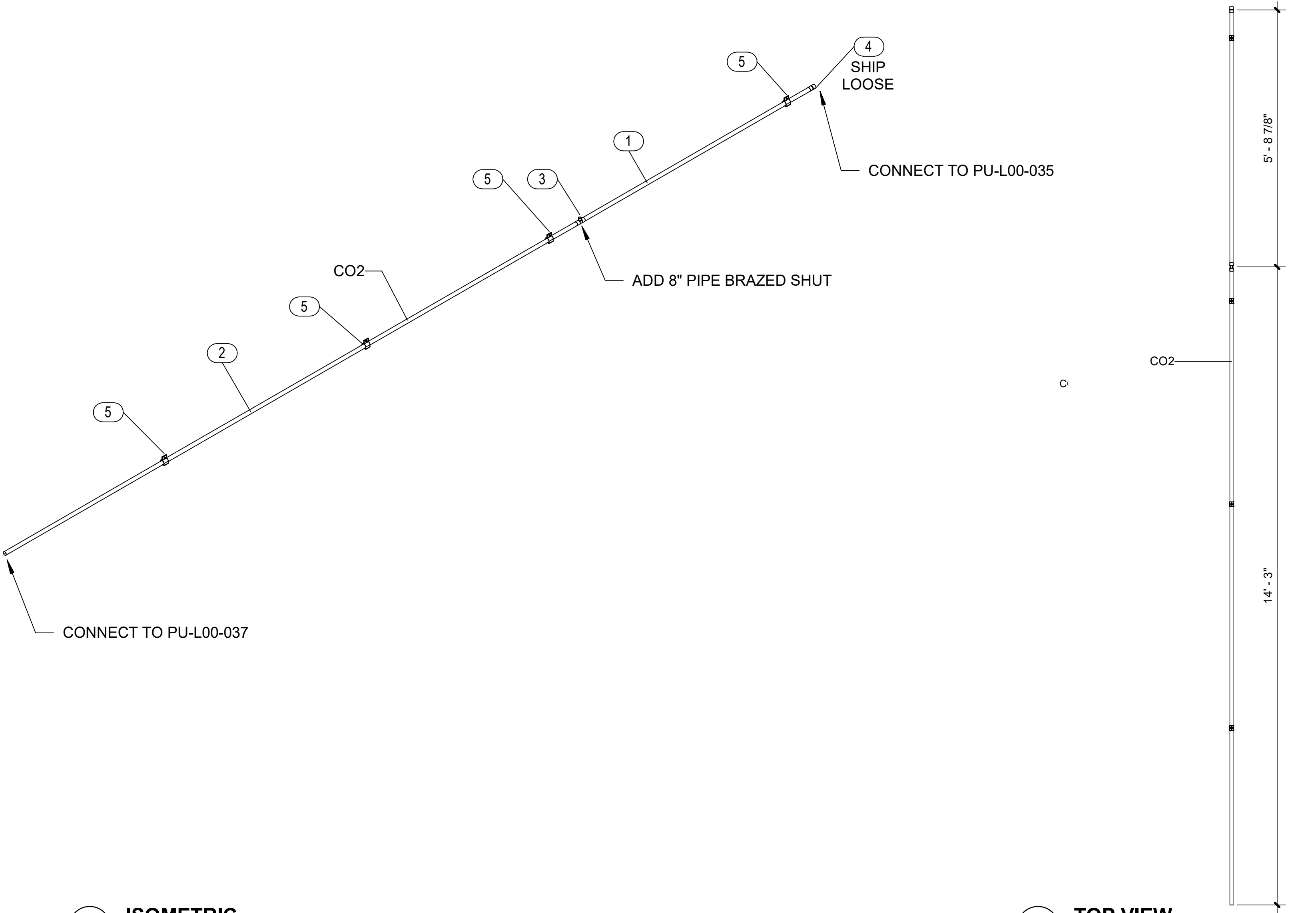
JOB: WASH U NRB  
TICKET: PP-L00-036  
Drawn By: Author  
DATE: 04/07/21  
DATE REQ:



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

BIM 360://WUSM NRBWUSM\_RB\_PUF.rvt  
5/4/2021 10:01:29 AM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	3/4"	Cerro Type L Hard Copper - CFOS	5'-8 1/2"			
2	1	3/4"	Cerro Type L Hard Copper - CFOS	14'-2 5/8"			
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				
5	4	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN				

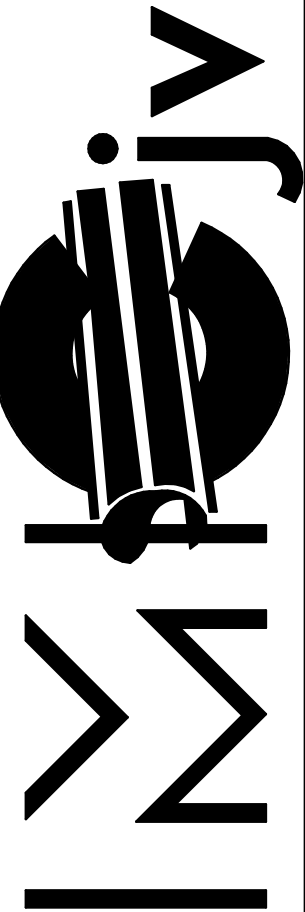


1 ISOMETRIC  
SCALE:

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PU-L00-036
Drawn By: Author	
DATE: 04/26/21	DATE REQ:



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