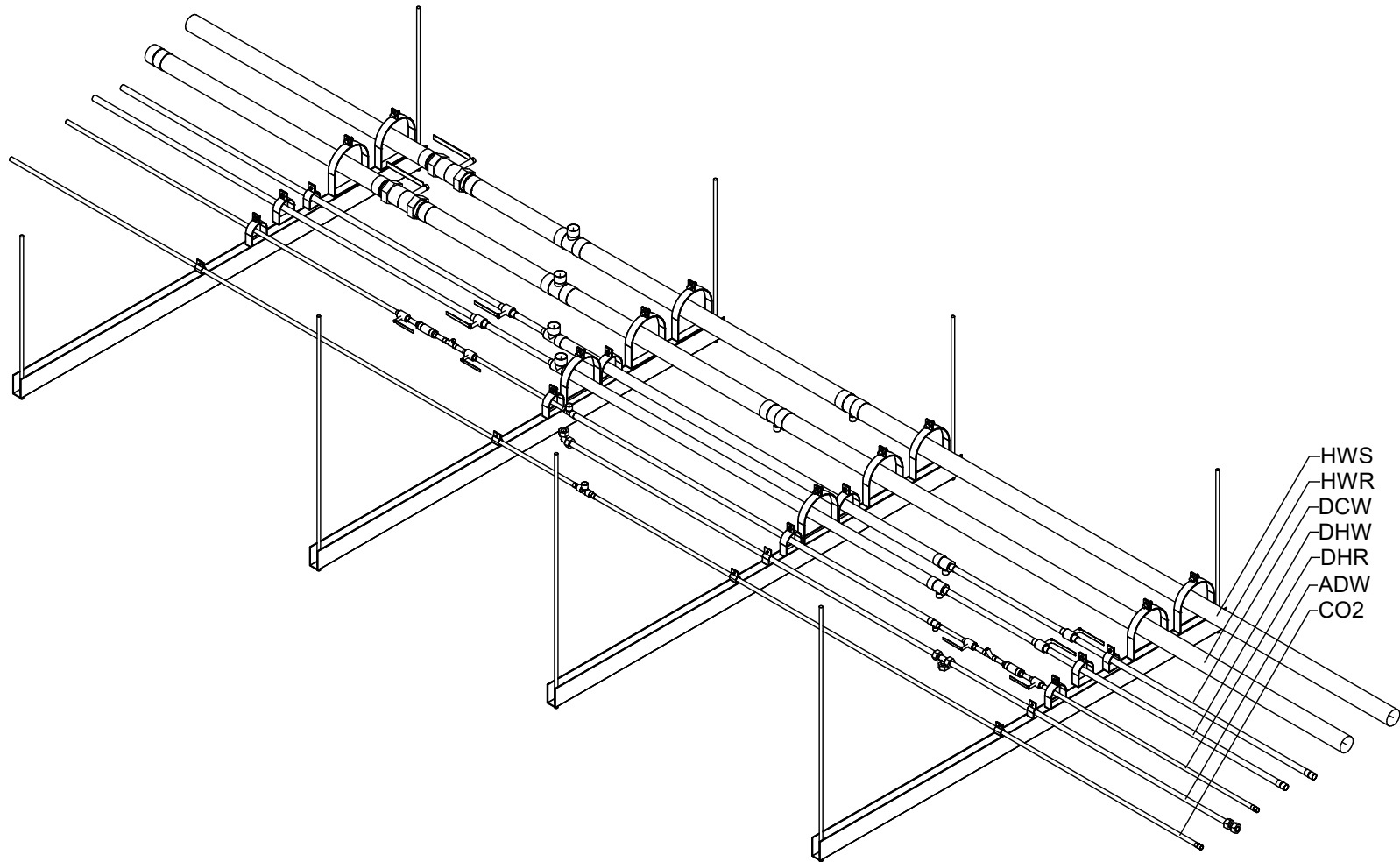
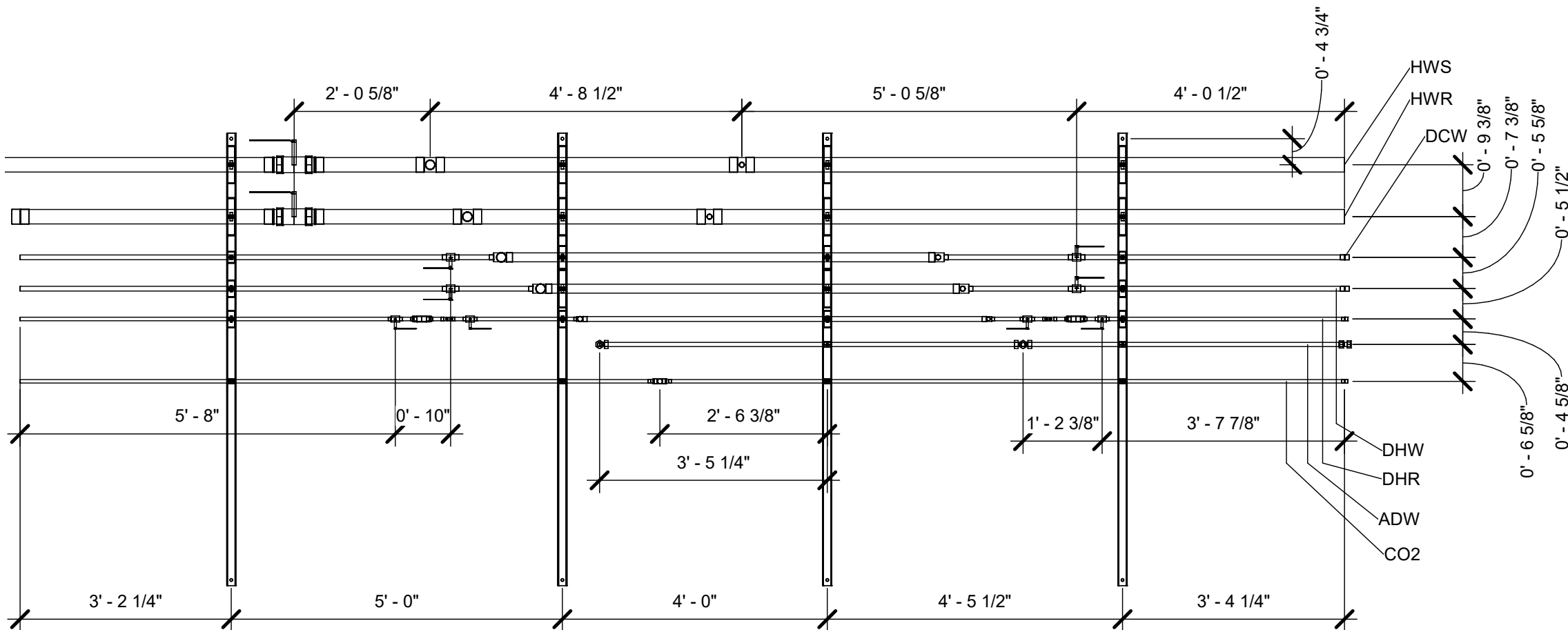


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2 AS-L00-002 - ISOMETRIC
AS-L00-002 SCALE:



1 AS-L00-002
AS-L00-002 SCALE: 1/2" = 1'-0"

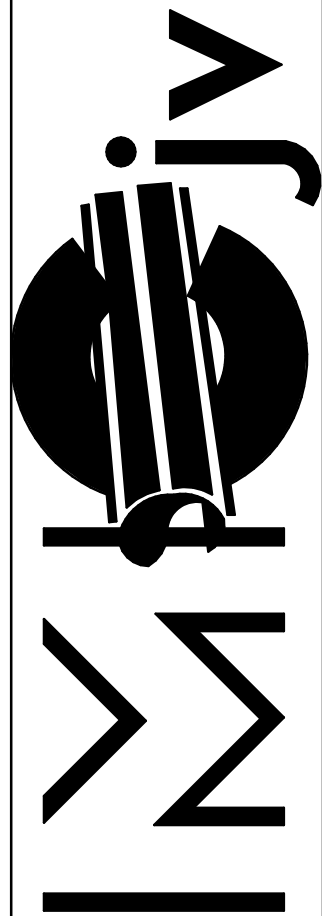
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: AS-L00-002

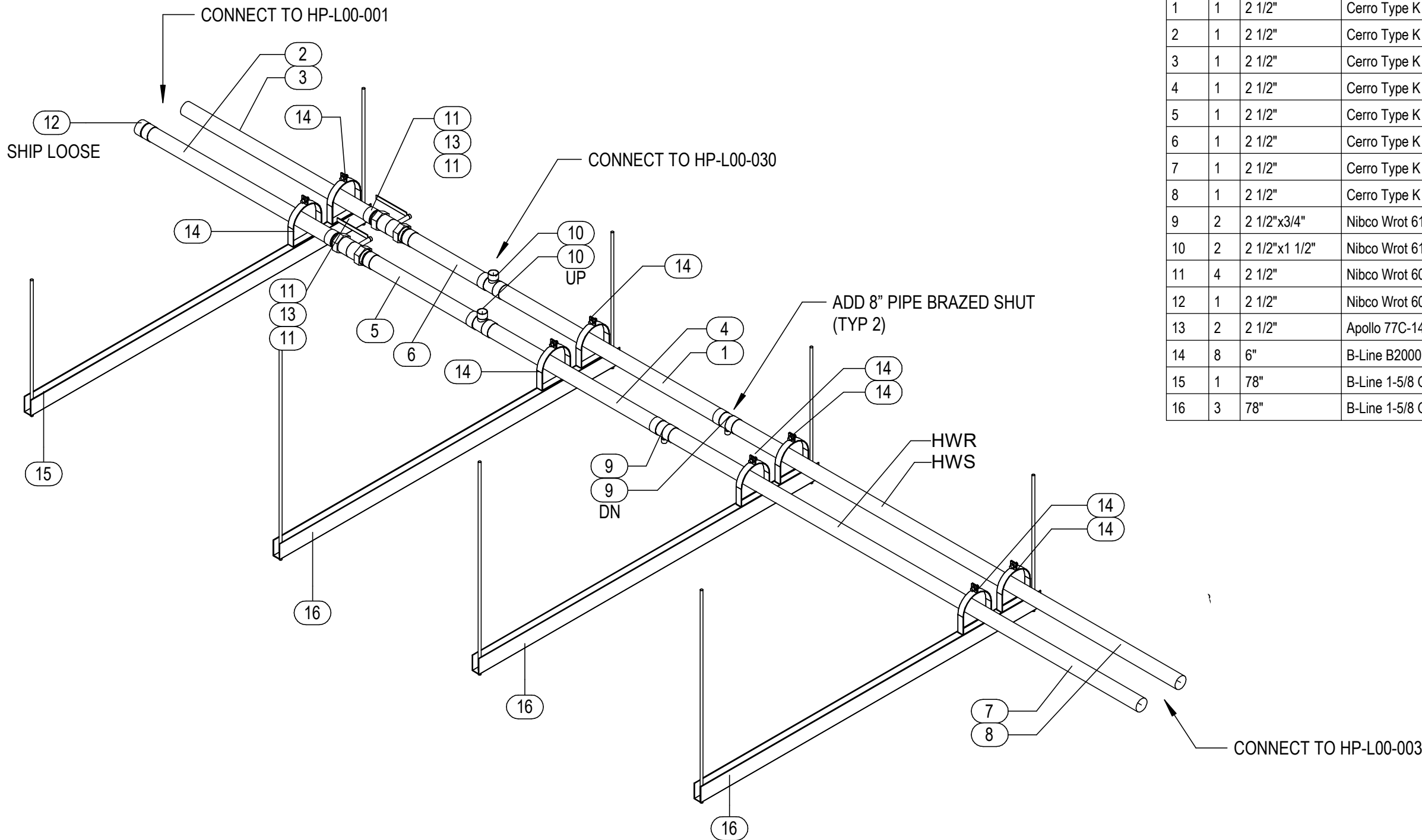
Drawn By: Author

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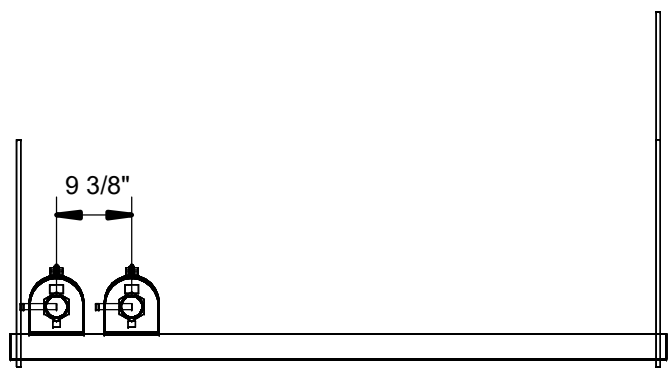
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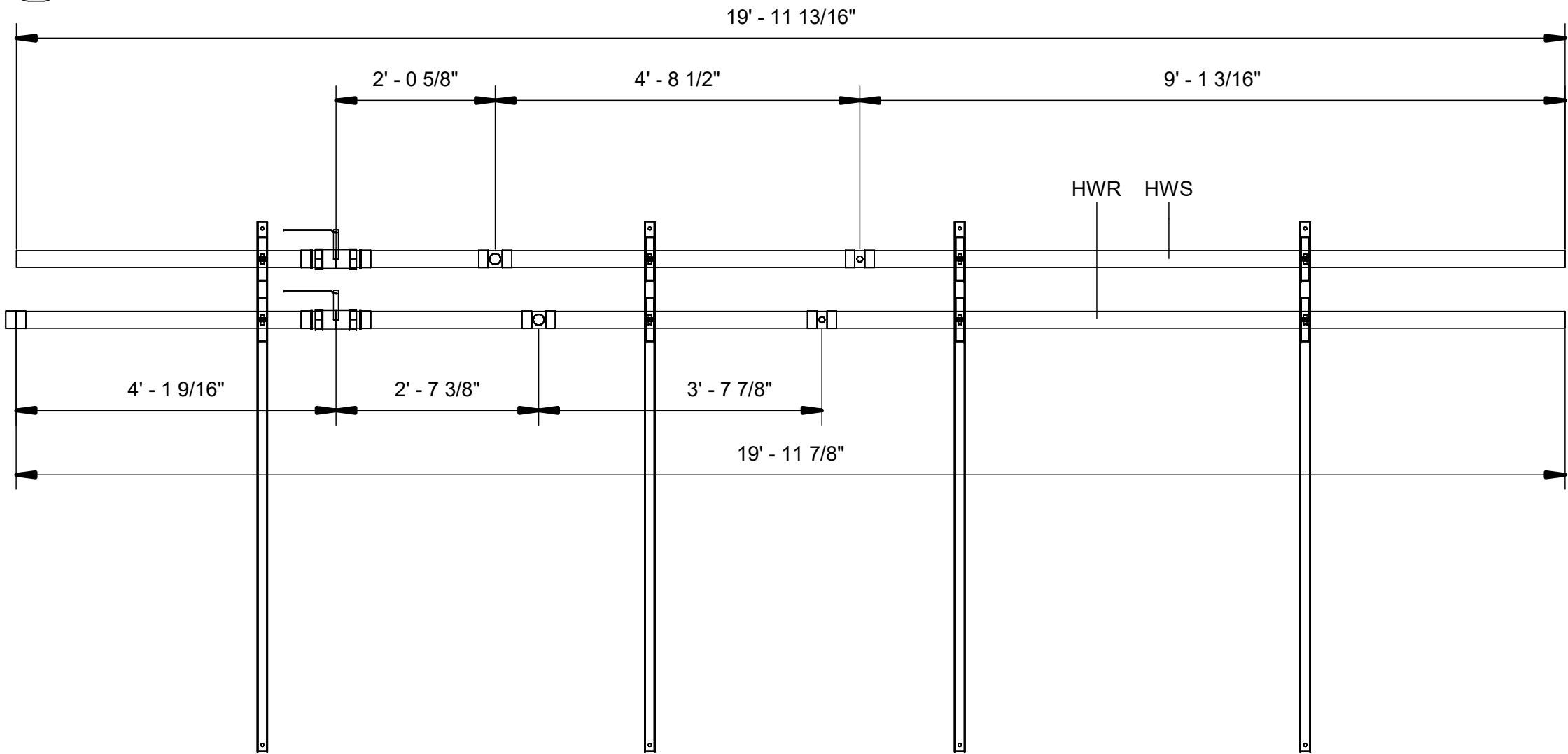


Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	2 1/2"	Cerro Type K Hard Copper Pipe	4'-6 5/8"			
2	1	2 1/2"	Cerro Type K Hard Copper Pipe	3'-9 5/8"			
3	1	2 1/2"	Cerro Type K Hard Copper Pipe	3'-9 9/16"			
4	1	2 1/2"	Cerro Type K Hard Copper Pipe	3'-6"			
5	1	2 1/2"	Cerro Type K Hard Copper Pipe	2'-2 3/8"			
6	1	2 1/2"	Cerro Type K Hard Copper Pipe	1'-7 5/8"			
7	1	2 1/2"	Cerro Type K Hard Copper Pipe	9'-6 5/16"			
8	1	2 1/2"	Cerro Type K Hard Copper Pipe	9'-0 7/16"			
9	2	2 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
10	2	2 1/2"x1 1/2"	Nibco Wrot 611R CxCxC Reducing Tee				
11	4	2 1/2"	Nibco Wrot 604 Adapter CxM				
12	1	2 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
13	2	2 1/2"	Apollo 77C-140 Brz 2pc FP SS-Vntd-B&S Ball Valve Thd				
14	8	6"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"	0"	0"
15	1	78"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		6" - 10"	2' - 4 3/8"	2' - 4 3/8"
16	3	78"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		6" - 10"	3' - 8 3/8"	2' - 4 3/8"

1 ISOMETRIC
SCALE:



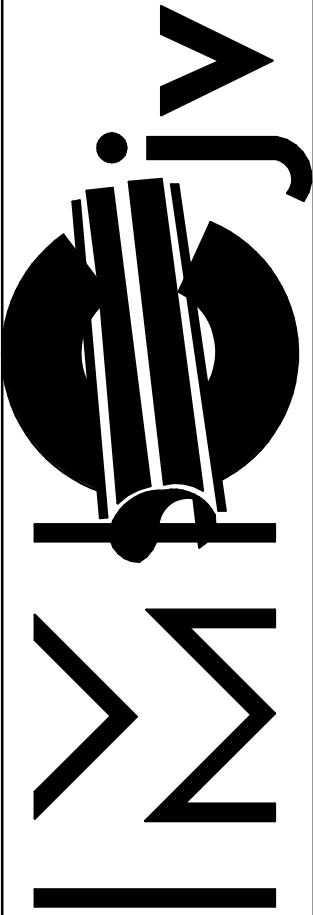
3 LEFT ELEVATION
SCALE: 1/2" = 1'-0"



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

A1	A3	B1	B3
A2	A4	B2	B4

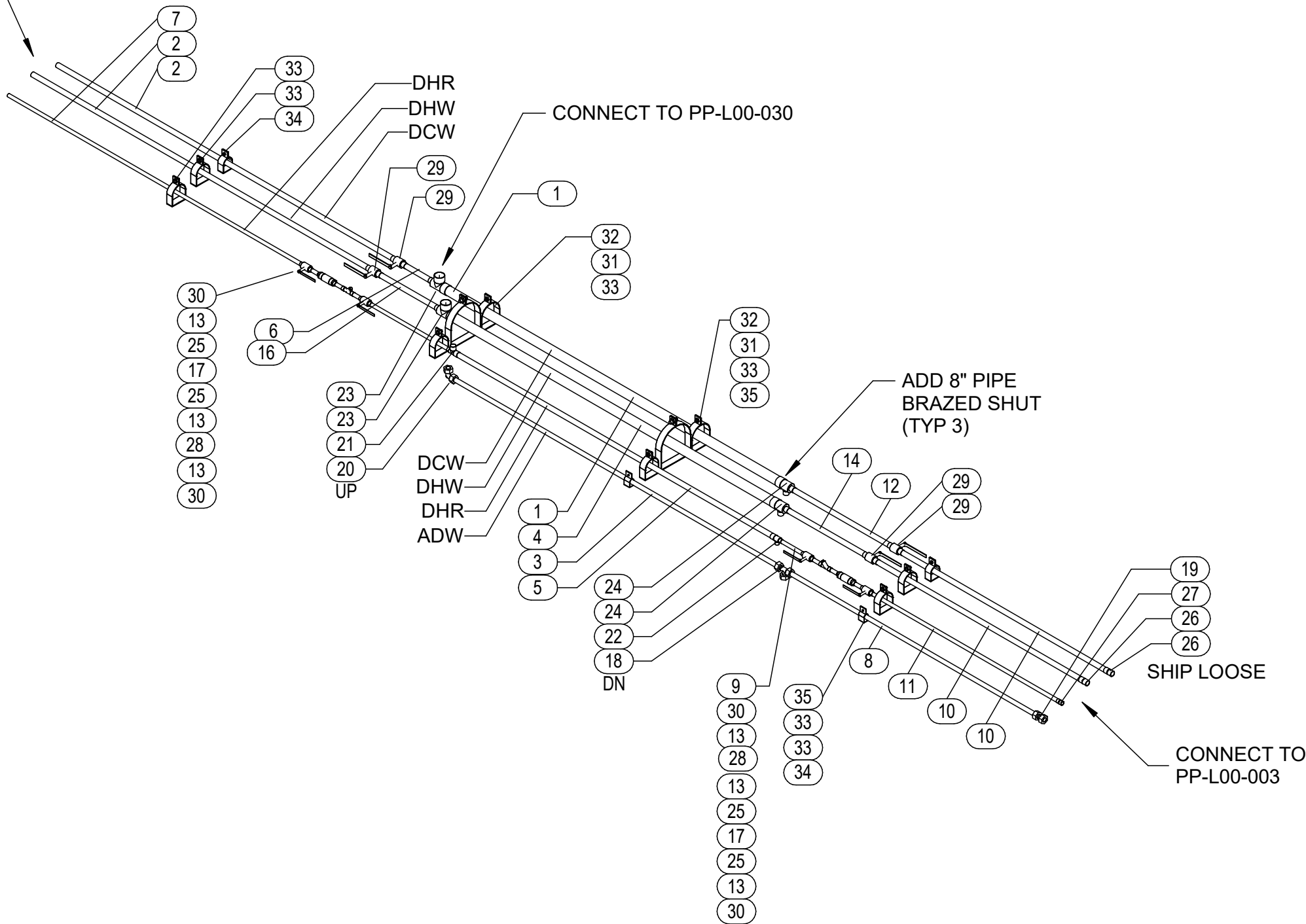
JOB: WASH U NRB
TICKET: HP-L00-002
Drawn By: Author
DATE: 04/22/21
DATE REQ:



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CONNECT TO
PP-L00-001



Mark	Qty	Size	Description	Length
1	1	1 1/2"	Cerro Type L Hard Copper Pipe	6'-5 5/8"
2	2	3/4"	Cerro Type L Hard Copper Pipe	6'-5 1/4"
3	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	6'-3 1/2"
4	1	1 1/2"	Cerro Type L Hard Copper Pipe	6'-2 15/16"
5	1	3/4"	Cerro Type L Hard Copper Pipe	6'-1 1/16"
6	1	3/4"	Cerro Type L Hard Copper Pipe	0'-7 1/16"
7	1	1/2"	Cerro Type L Hard Copper Pipe	5'-7 1/4"
8	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	4'-9 5/8"
9	1	1/2"	Cerro Type L Hard Copper Pipe	0'-5 11/16"
10	2	3/4"	Cerro Type L Hard Copper Pipe	3'-11 13/16"
11	1	1/2"	Cerro Type L Hard Copper Pipe	3'-7 1/8"
12	1	3/4"	Cerro Type L Hard Copper Pipe	1'-11 1/4"
13	6	1/2"	Cerro Type L Hard Copper Pipe	0'-2 1/2"
14	1	3/4"	Cerro Type L Hard Copper Pipe	1'-6 3/4"
15	1	1/2"	Cerro Type L Hard Copper Pipe	1'-6 1/2"
16	1	3/4"	Cerro Type L Hard Copper Pipe	1'-2 3/16"
17	2	1/2"	Therm-Omega Circuit Solver TRV - FPT	
18	1	3/4"	Swagelok SS316 Compression Union Tee	
19	1	3/4"	Swagelok SS316 Compression Union Coupling	
20	1	3/4"	Swagelok SS316 Compression Union 90 Elbow	
21	1	3/4"x1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee	
22	1	3/4"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee	
23	2	1 1/2"x3/4"x1 1/2"	Nibco Wrot 611R CxCxC Reducing Tee	
24	2	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee	
25	4	1/2"	Nibco Wrot 604 Adapter CxM	
26	2	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC	
27	1	1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC	
28	2	1/2"	Nibco S-413-Y-LF Brz 200psi Horiz Swing Check Valve Sdr	
29	4	3/4"	Apollo 77CLF-140 LF-Brz 2pc FP SS-B&S Ball Valve Swt	
30	4	1/2"	Apollo 77CLF-140 LF-Brz 2pc FP SS-B&S Ball Valve Swt	
31	2	6"	B-Line B2000 ZN Sch 40 Pipe Clamp	
32	2	3.5"	B-Line B2000 ZN Sch 40 Pipe Clamp	
33	6	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp	
34	2	1.5"	B-Line B2000 ZN Sch 40 Pipe Clamp	
35	2	0.5"	B-Line B2000 ZN Sch 40 Pipe Clamp	

JOB: WASH U NRB

TICKET: PP-L00-002

Drawn By: Author

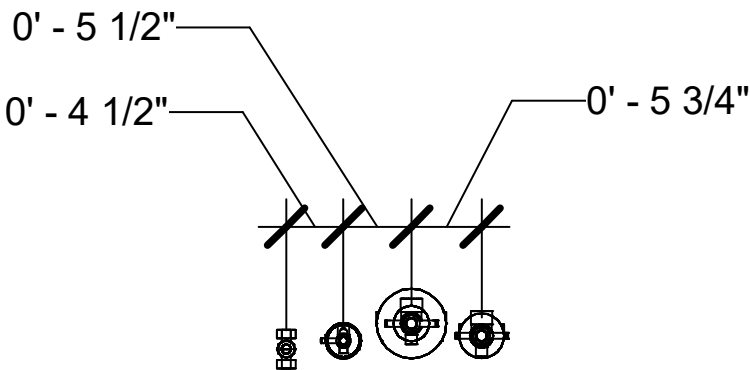
DATE: 04/01/21

DATE REQ:

1

ISOMETRIC

SCALE:



3

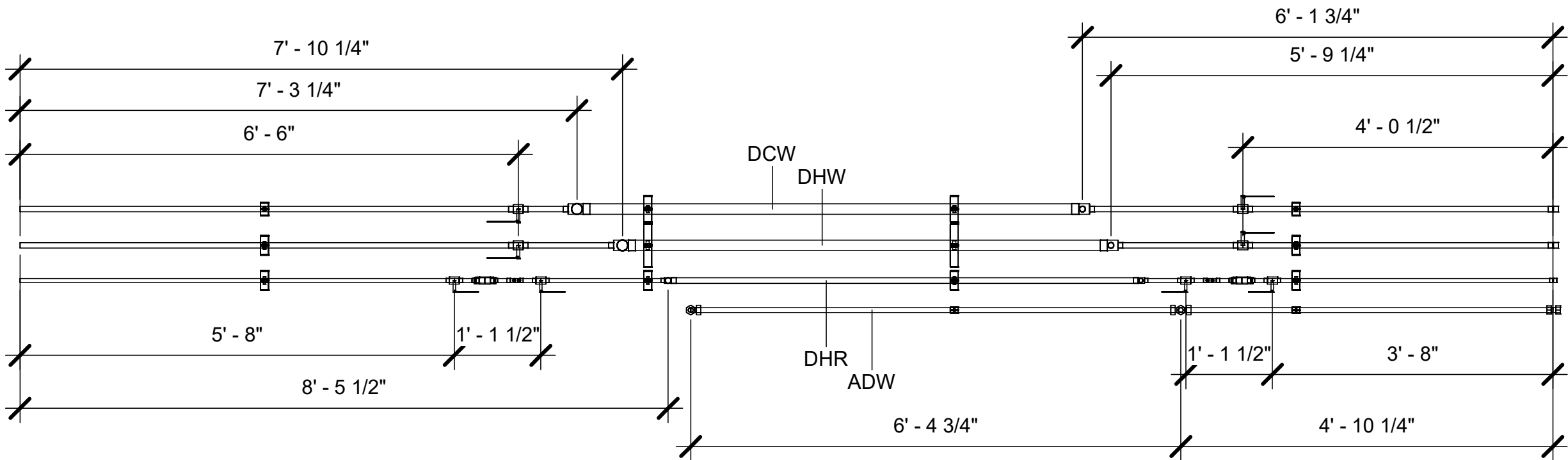
FRONT ELEVATION

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

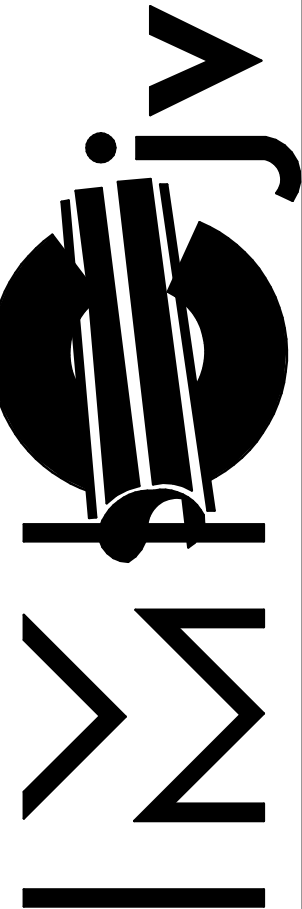
2

TOP VIEW

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



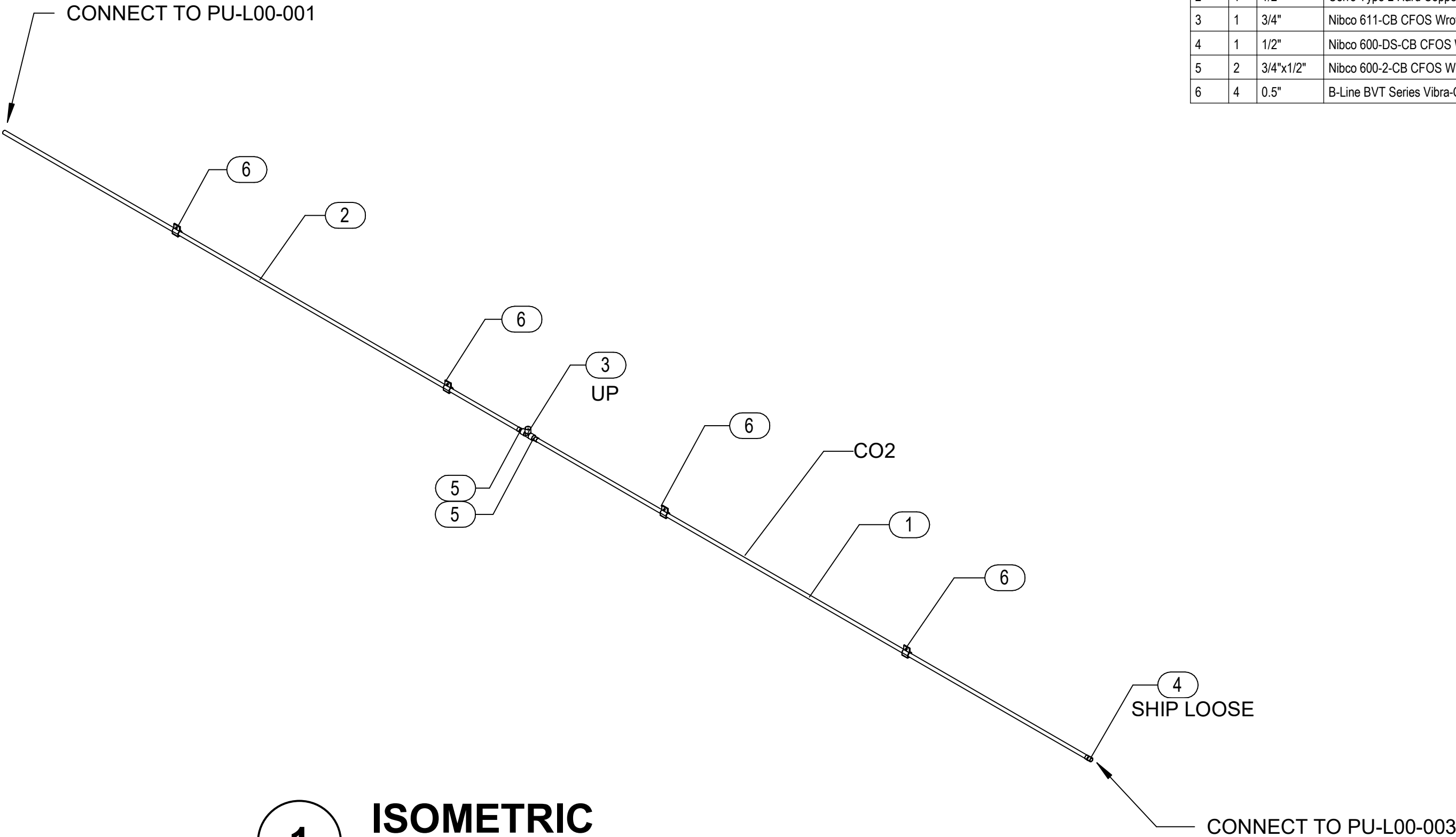
A1	A3	B1	B3
A2	A4	B2	B4



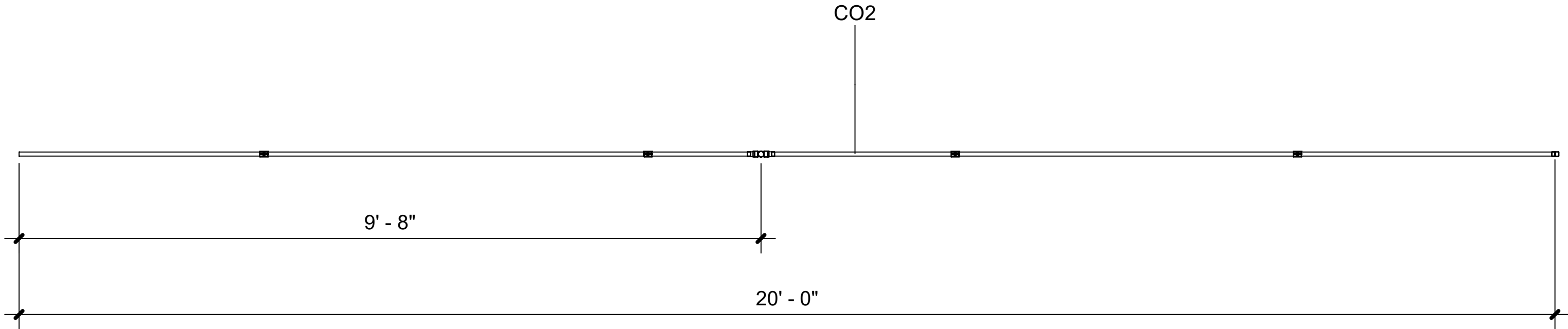
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Mark	Qty	Size	Description	End Prep	Length
1	1	1/2"	Cerro Type L Hard Copper - CFOS		10'-2 7/16"
2	1	1/2"	Cerro Type L Hard Copper - CFOS		9'-6 5/16"
3	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee		
4	1	1/2"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop		
5	2	3/4"x1/2"	Nibco 600-2-CB CFOS Wrot Copper Fitting Reducer FTGxC		
6	4	0.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN		



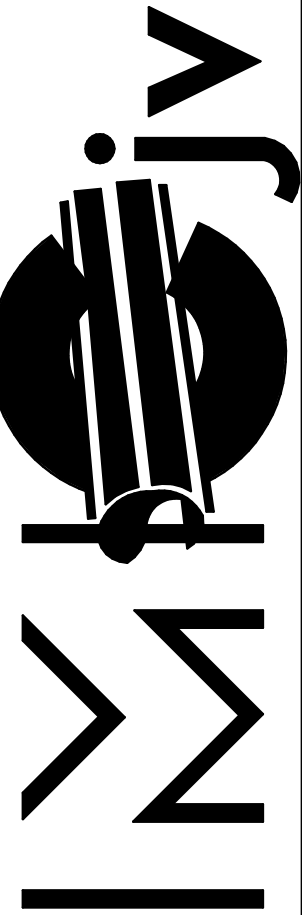
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	PU-L00-002
Drawn By: Author	
DATE: 03/16/21	DATE REQ:



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