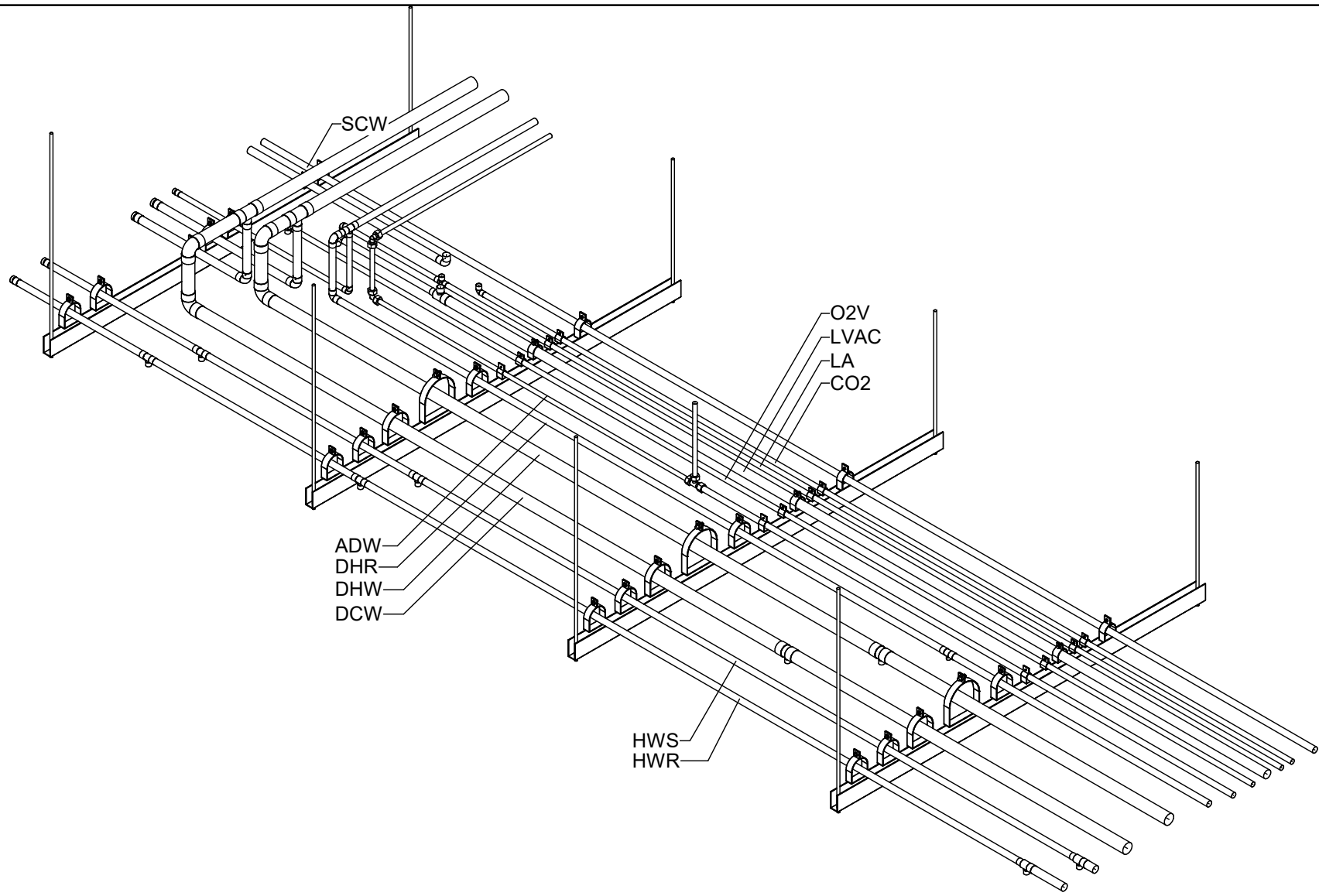
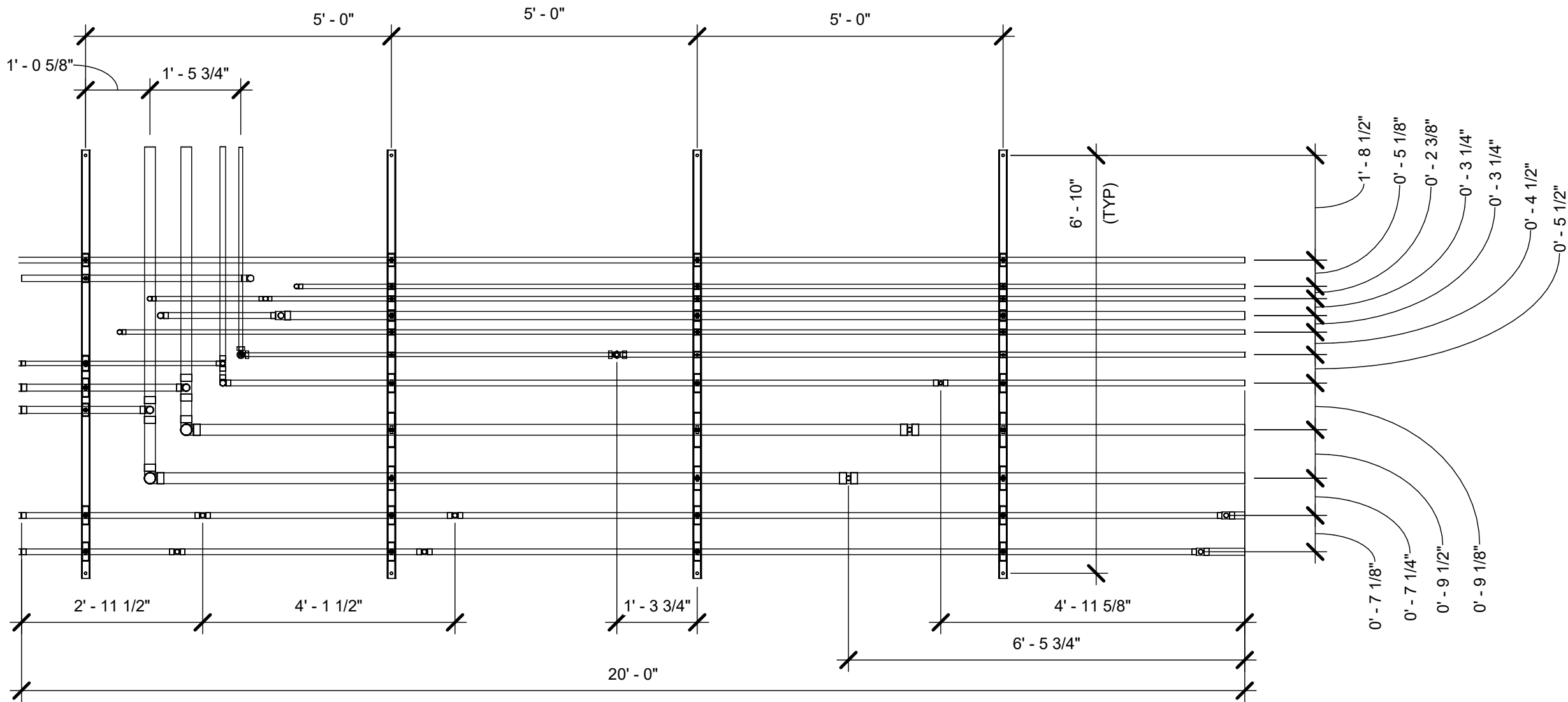


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2 AS-L00-016 - ISOMETRIC  
AS-L00-016 SCALE:



A1	A3	B1	B3
A2	A4	B2	B4

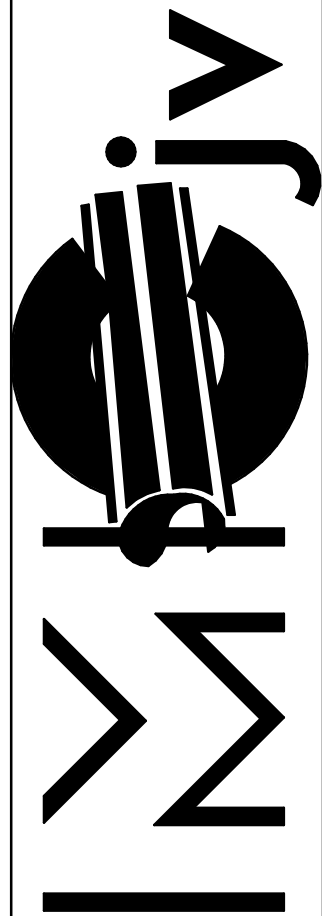
1 AS-L00-016  
AS-L00-016 SCALE: 1/2" = 1'-0"

JOB: WASH U NRB

TICKET: AS-L00-016

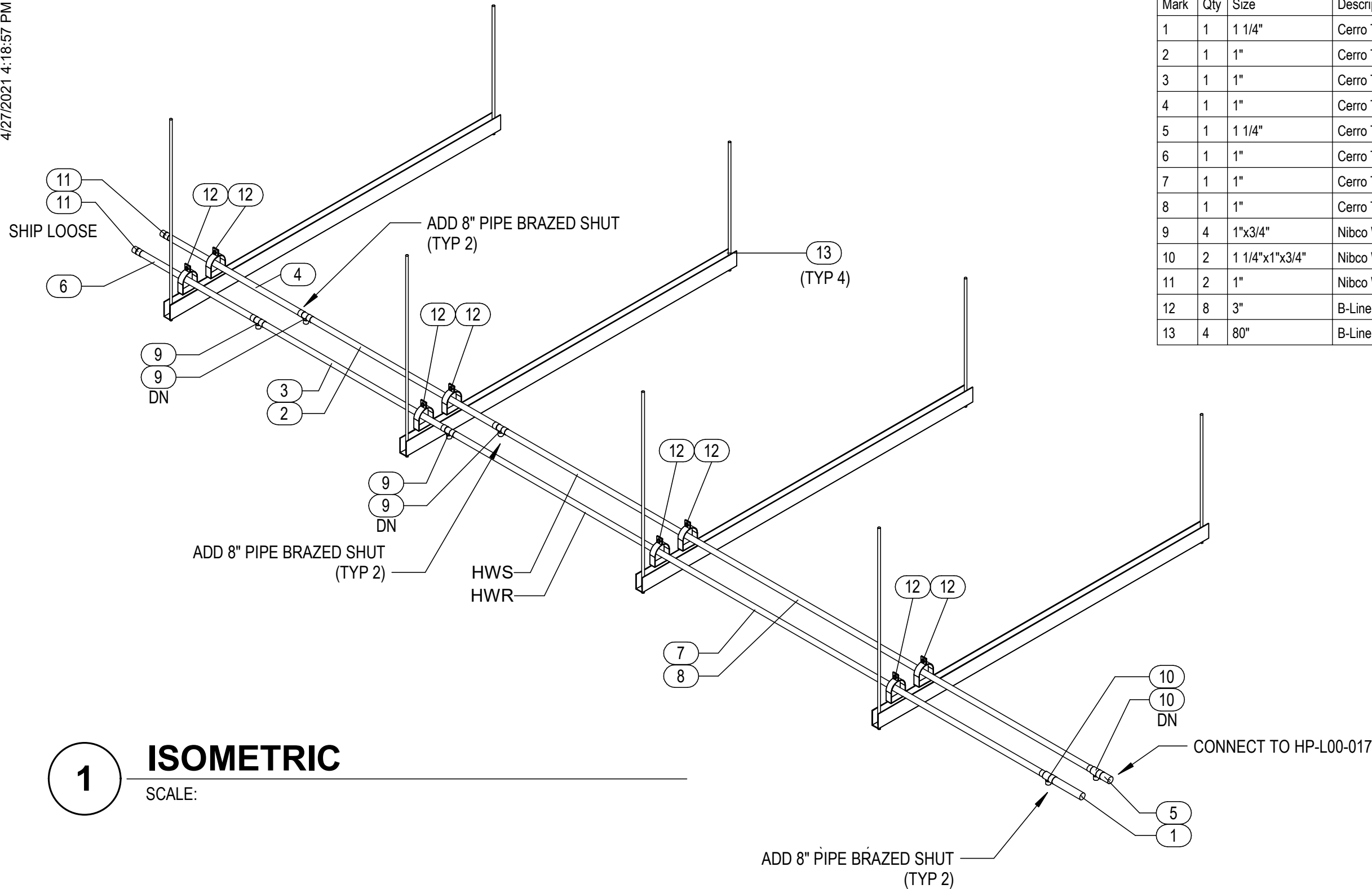
Drawn By: Author

DATE: 03/11/21 DATE REQ:



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

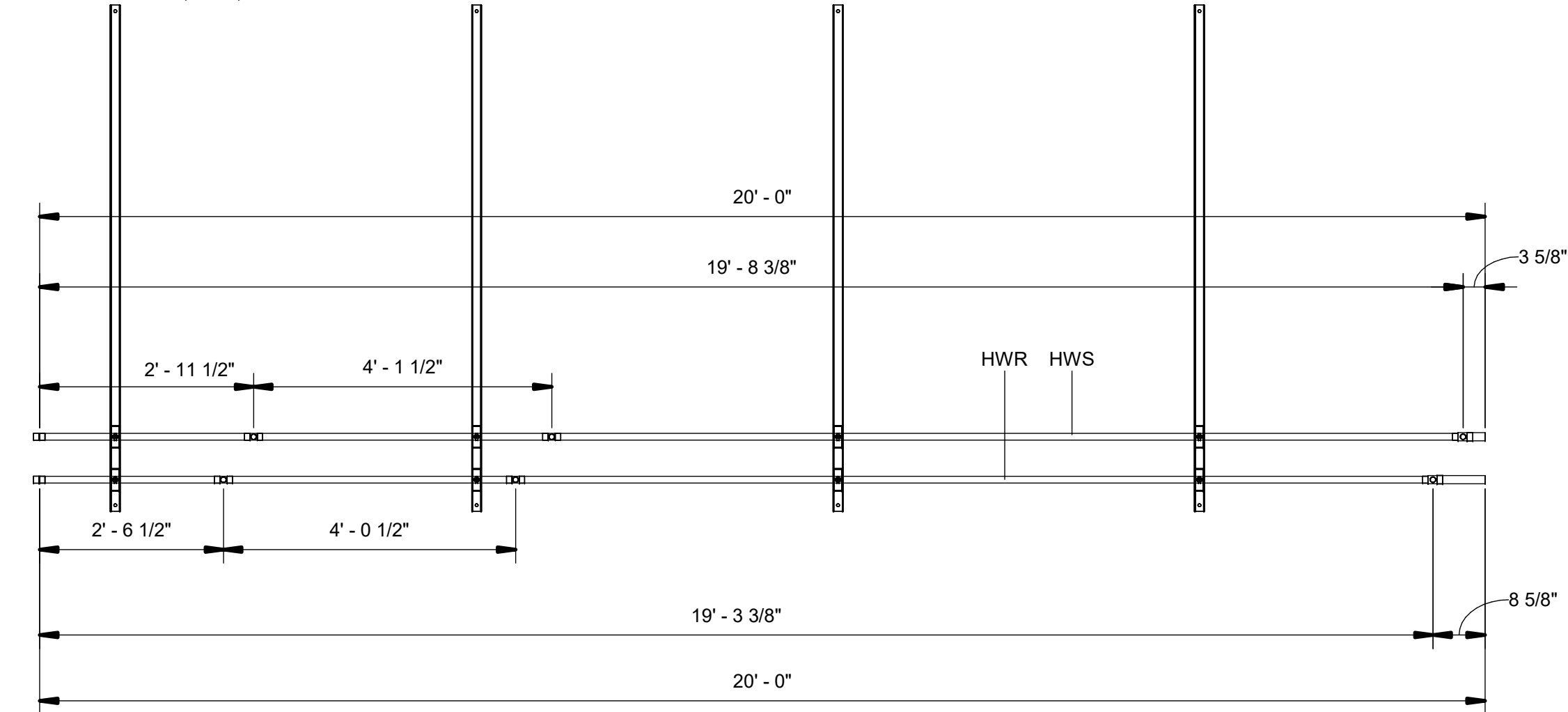
1 ISOMETRIC

SCALE:



4 FRONT ELEVATION

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

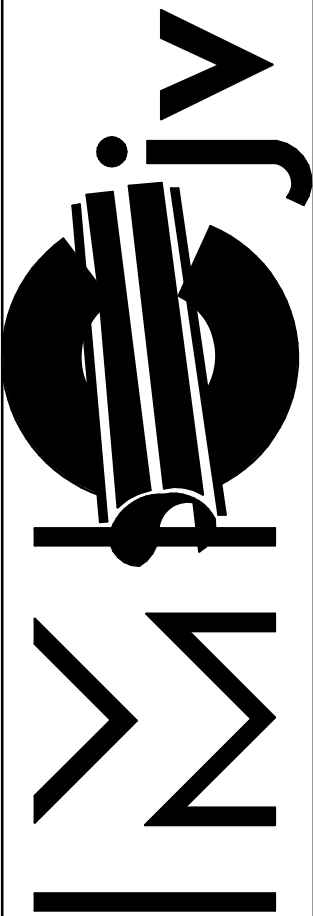


2 TOP VIEW

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

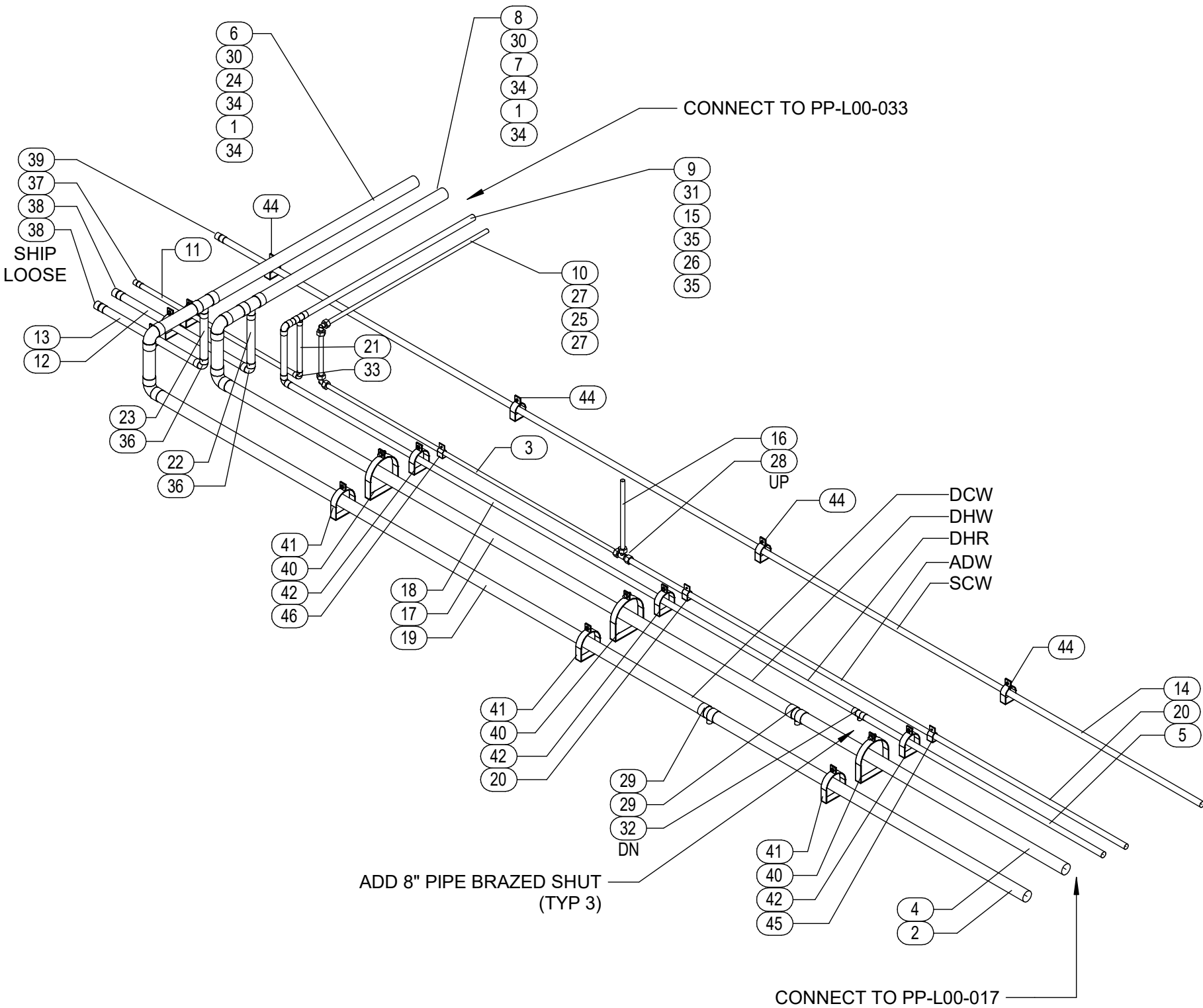
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB  
TICKET: HP-L00-016  
Drawn By: Author  
DATE: 04/13/21

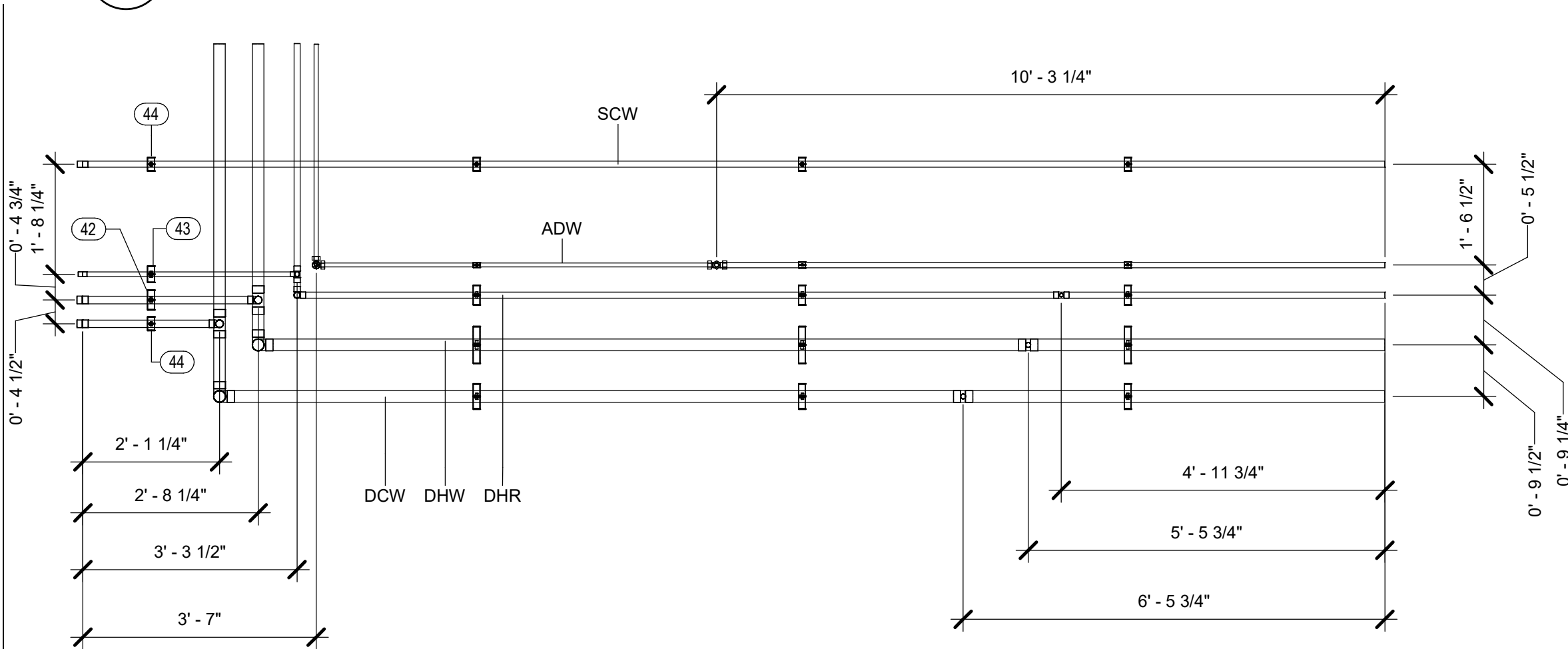


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1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

Mark	Qty	Size	Description	Length
1	2	2"	Cerro Type L Hard Copper Pipe	0'-8 13/16"
2	1	2"	Cerro Type L Hard Copper Pipe	6'-5 5/16"
3	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	6'-0 1/2"
4	1	2"	Cerro Type L Hard Copper Pipe	5'-5 5/16"
5	1	1"	Cerro Type L Hard Copper Pipe	4'-11 3/16"
6	1	2"	Cerro Type L Hard Copper Pipe	4'-2 5/16"
7	1	2"	Cerro Type L Hard Copper Pipe	0'-5 9/16"
8	1	2"	Cerro Type L Hard Copper Pipe	3'-9 15/16"
9	1	1"	Cerro Type L Hard Copper Pipe	3'-5 7/8"
10	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	3'-4 1/16"
11	1	3/4"	Cerro Type L Hard Copper Pipe	3'-3"
12	1	1 1/4"	Cerro Type L Hard Copper Pipe	2'-7 3/8"
13	1	1 1/4"	Cerro Type L Hard Copper Pipe	2'-0 1/4"
14	1	1"	Cerro Type L Hard Copper Pipe	20'-0"
15	1	1"	Cerro Type L Hard Copper Pipe	0'-2 5/8"
16	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-3 5/16"
17	1	2"	Cerro Type L Hard Copper Pipe	11'-8 1/16"
18	1	1"	Cerro Type L Hard Copper Pipe	11'-7 11/16"
19	1	2"	Cerro Type L Hard Copper Pipe	11'-3 3/16"
20	1	1"	Swagelok SS316L 065 Wall Compression Seamless Tubing	10'-2 1/2"
21	1	3/4"	Cerro Type L Hard Copper Pipe	0'-11 7/16"
22	1	1 1/4"	Cerro Type L Hard Copper Pipe	0'-11 1/4"
23	1	1 1/4"	Cerro Type L Hard Copper Pipe	0'-10 3/4"
24	1	2"	Cerro Type L Hard Copper Pipe	0'-10 11/16"
25	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-10 1/2"
26	1	1"	Cerro Type L Hard Copper Pipe	0'-10 5/16"
27	2	3/4"	Swagelok SS316 Compression Union 90 Elbow	
28	1	1"x3/4"x3/4"	Swagelok SS316 Compression Union Reducing Tee	
29	2	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee	
30	2	2"x1 1/4"	Nibco Wrot 611R CxCxC Reducing Tee	
31	1	1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee	
32	1	1"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee	
33	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC	
34	4	2"	Nibco Wrot 607 90 Deg Ell CxC	
35	2	1"	Nibco Wrot 607 90 Deg Ell CxC	
36	2	1 1/4"	Nibco Wrot 607 90 Deg Ell CxC	
37	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC	
38	2	1 1/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC	
39	1	1"	Elkhart 100 Wrot Coupling with Stop	
40	3	6"	B-Line B2000 ZN Sch 40 Pipe Clamp	
41	3	4"	B-Line B2000 ZN Sch 40 Pipe Clamp	
42	4	3"	B-Line B2000 ZN Sch 40 Pipe Clamp	
43	1	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp	
44	5	2"	B-Line B2000 ZN Sch 40 Pipe Clamp	
45	2	0.75"	B-Line B2000 ZN Sch 40 Pipe Clamp	
46	1	0.5"	B-Line B2000 ZN Sch 40 Pipe Clamp	

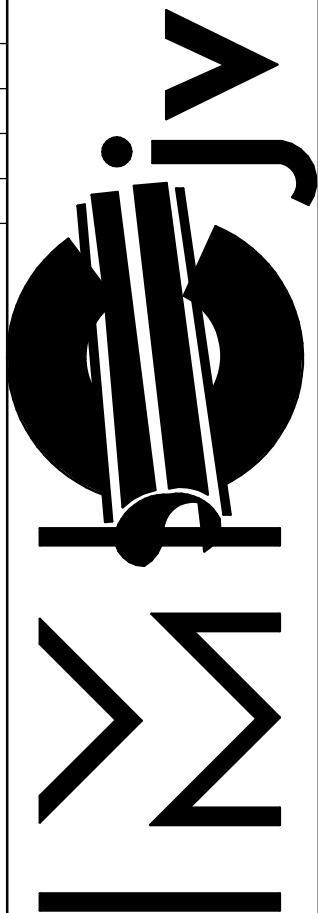
JOB: WASH U NRB

TICKET: PP-L00-016

Drawn By: Author

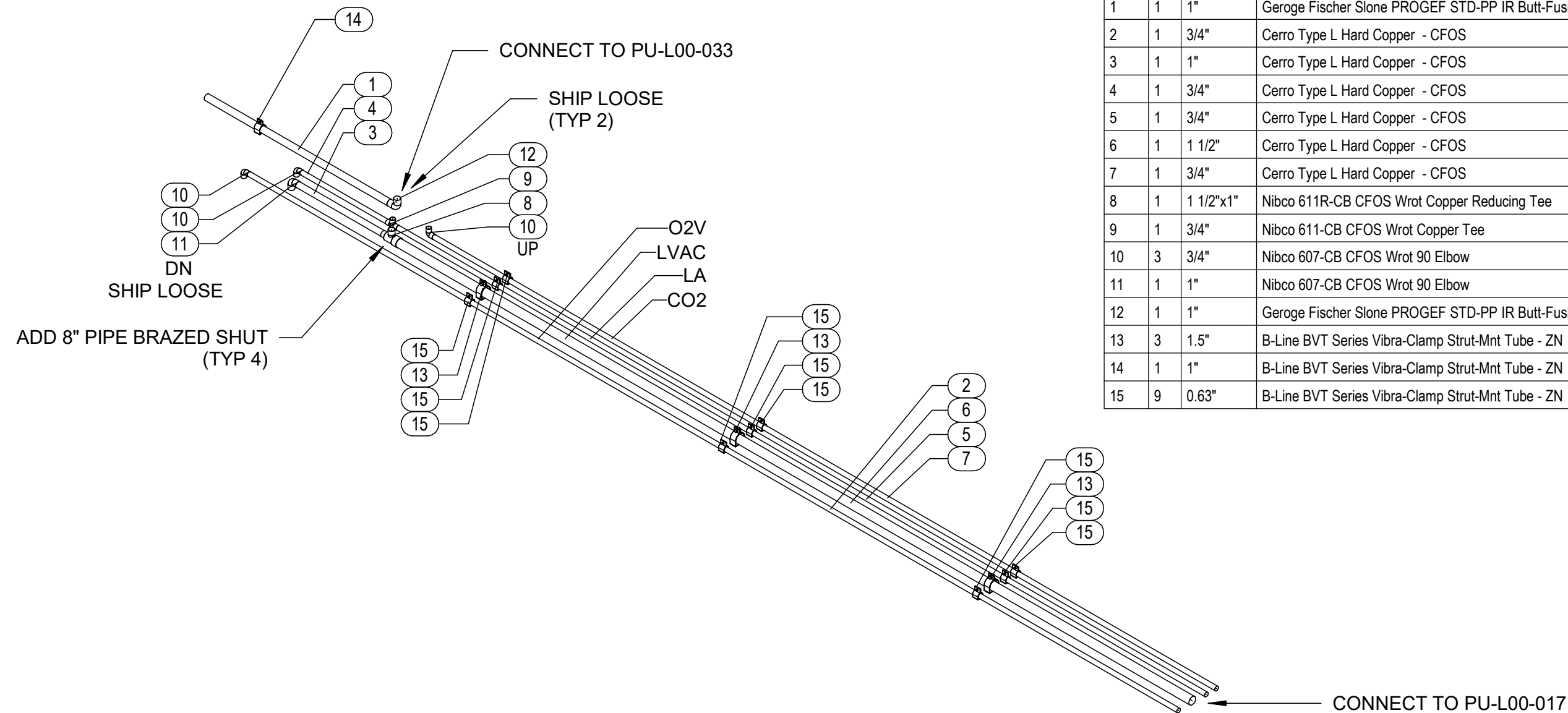
DATE: 03/26/21

DATE REQ:



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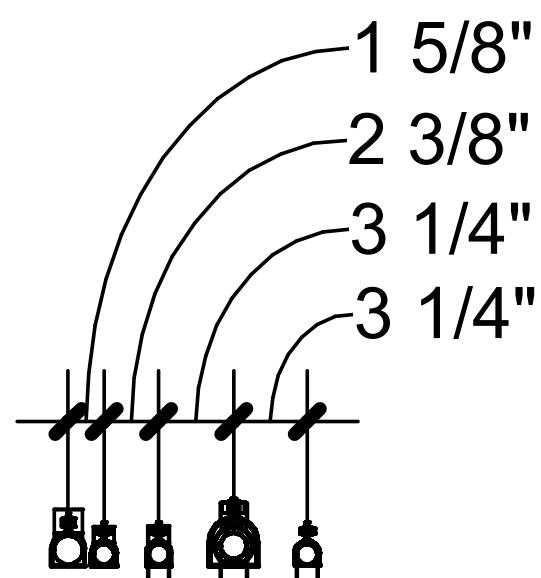


Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	1"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	3'-7 1/8"			
2	1	3/4"	Cerro Type L Hard Copper - CFOS	18'-4 1/4"			
3	1	1"	Cerro Type L Hard Copper - CFOS	1'-9 15/16"			
4	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-9 3/4"			
5	1	3/4"	Cerro Type L Hard Copper - CFOS	15'-11 5/8"			
6	1	1 1/2"	Cerro Type L Hard Copper - CFOS	15'-8 5/16"			
7	1	3/4"	Cerro Type L Hard Copper - CFOS	15'-5 9/16"			
8	1	1 1/2"x1"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee				
9	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee				
10	3	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow				
11	1	1"	Nibco 607-CB CFOS Wrot 90 Elbow				
12	1	1"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow				
13	3	1.5"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN				
14	1	1"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN				
15	9	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN				

1

## ISOMETRIC

SCALE:



# 3

### LEFT ELEVATION

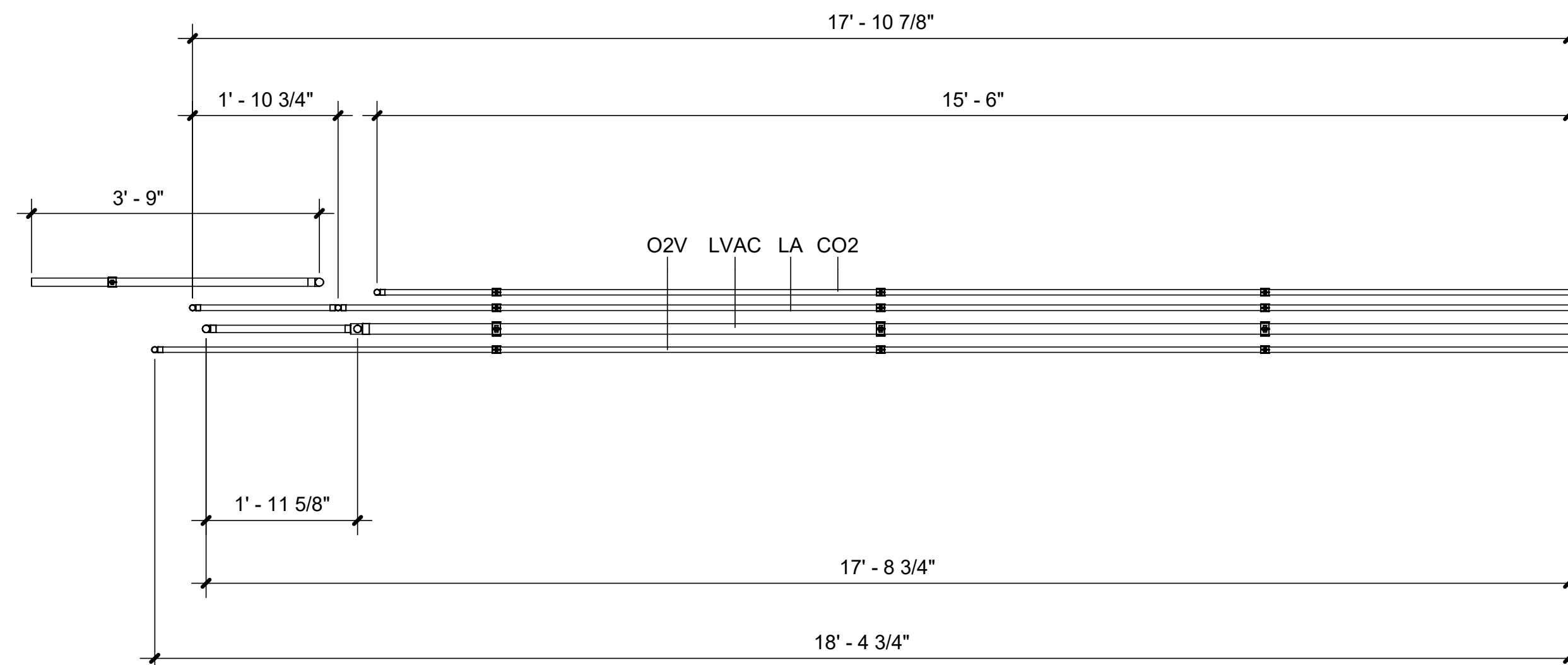
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

## 2

### TOP VIEW

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

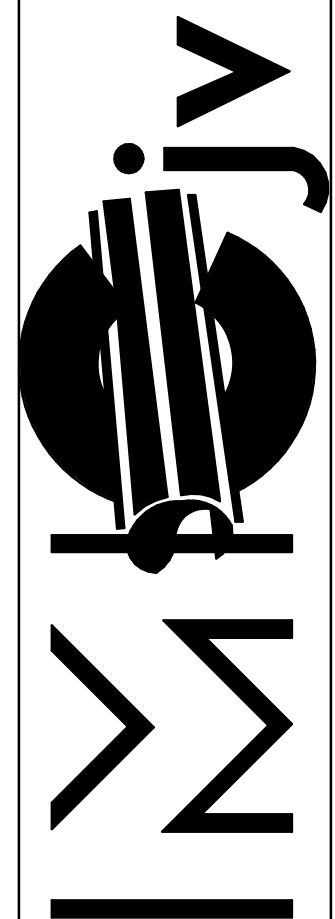


JOB: WASH U NRB

TICKET: PU-L00-016

Drawn By: Author

DATE: 04/15/21



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