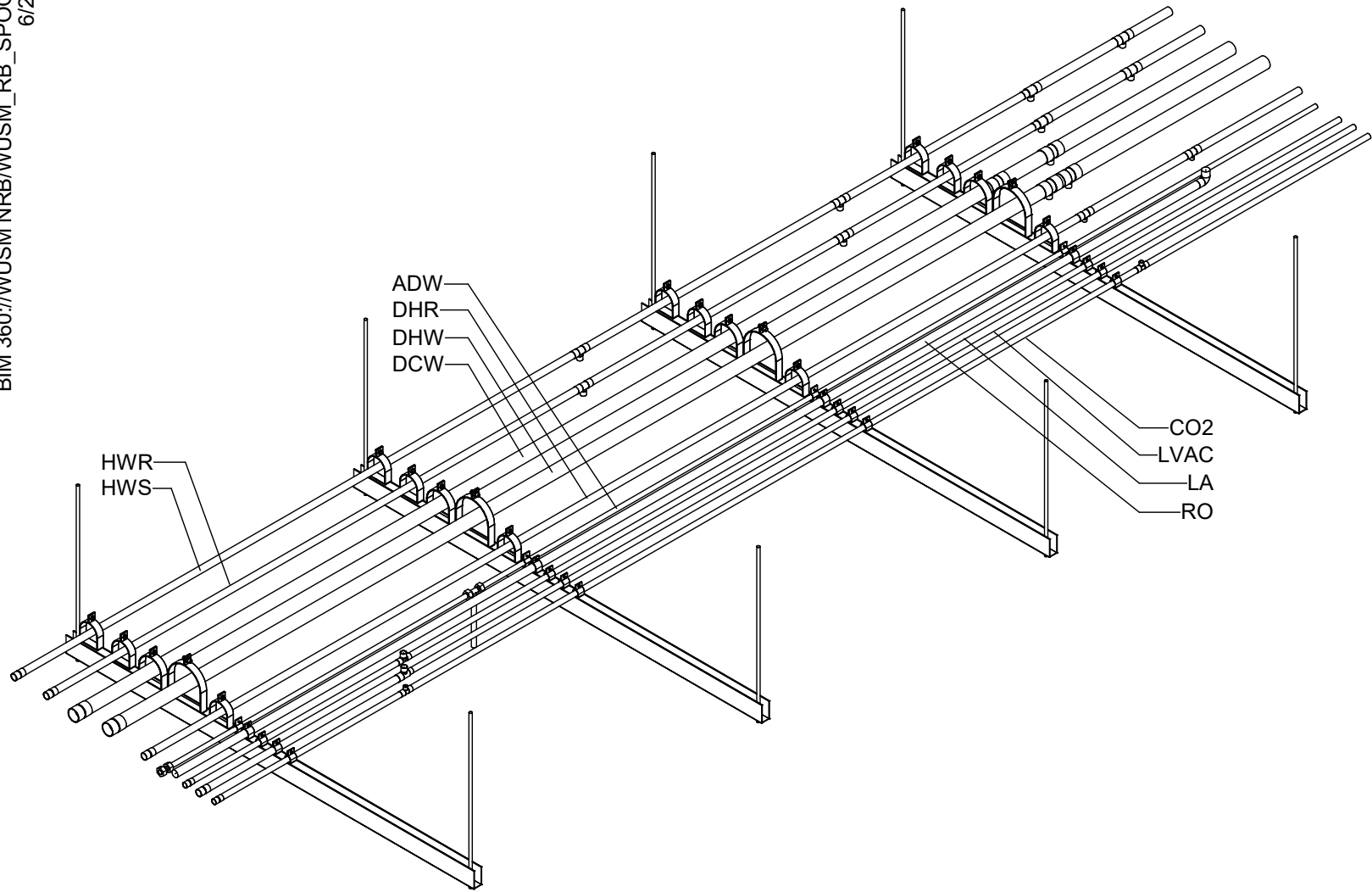
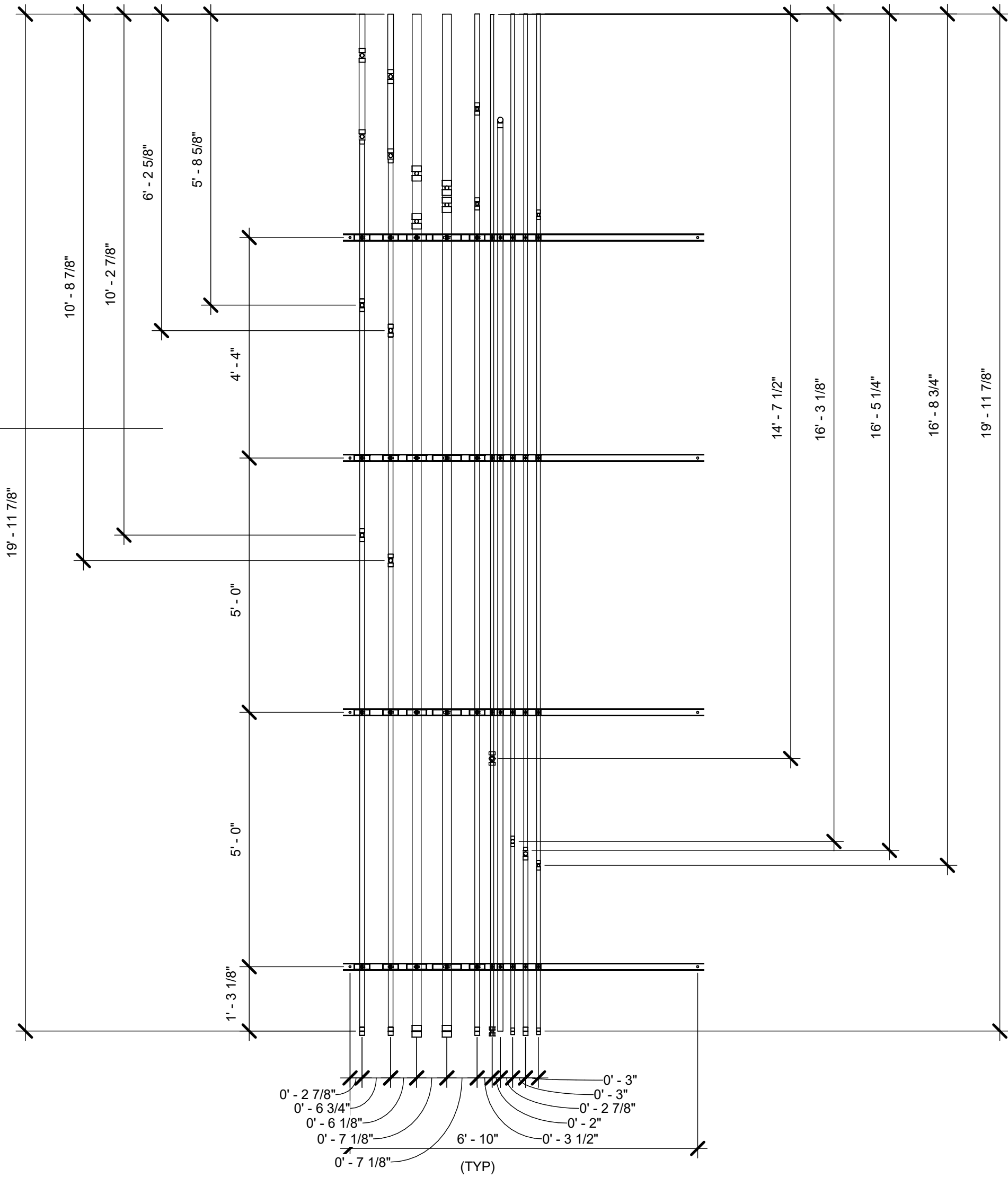


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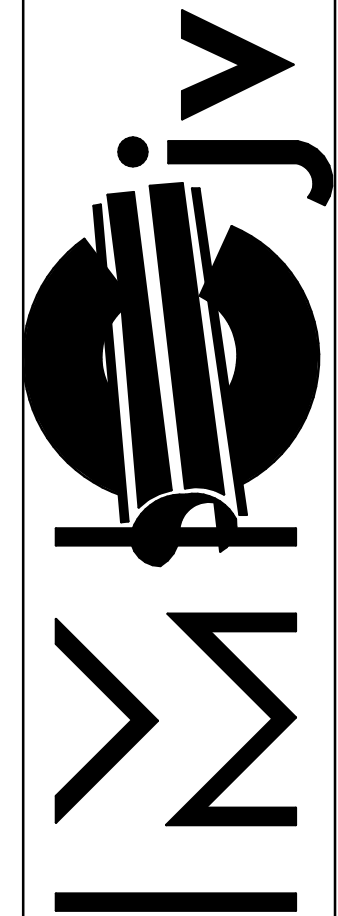
2 AS-L00-032 - ISOMETRIC
AS-L00-032 SCALE:



1 AS-L00-032
AS-L00-032 SCALE: 1/2" = 1'-0"

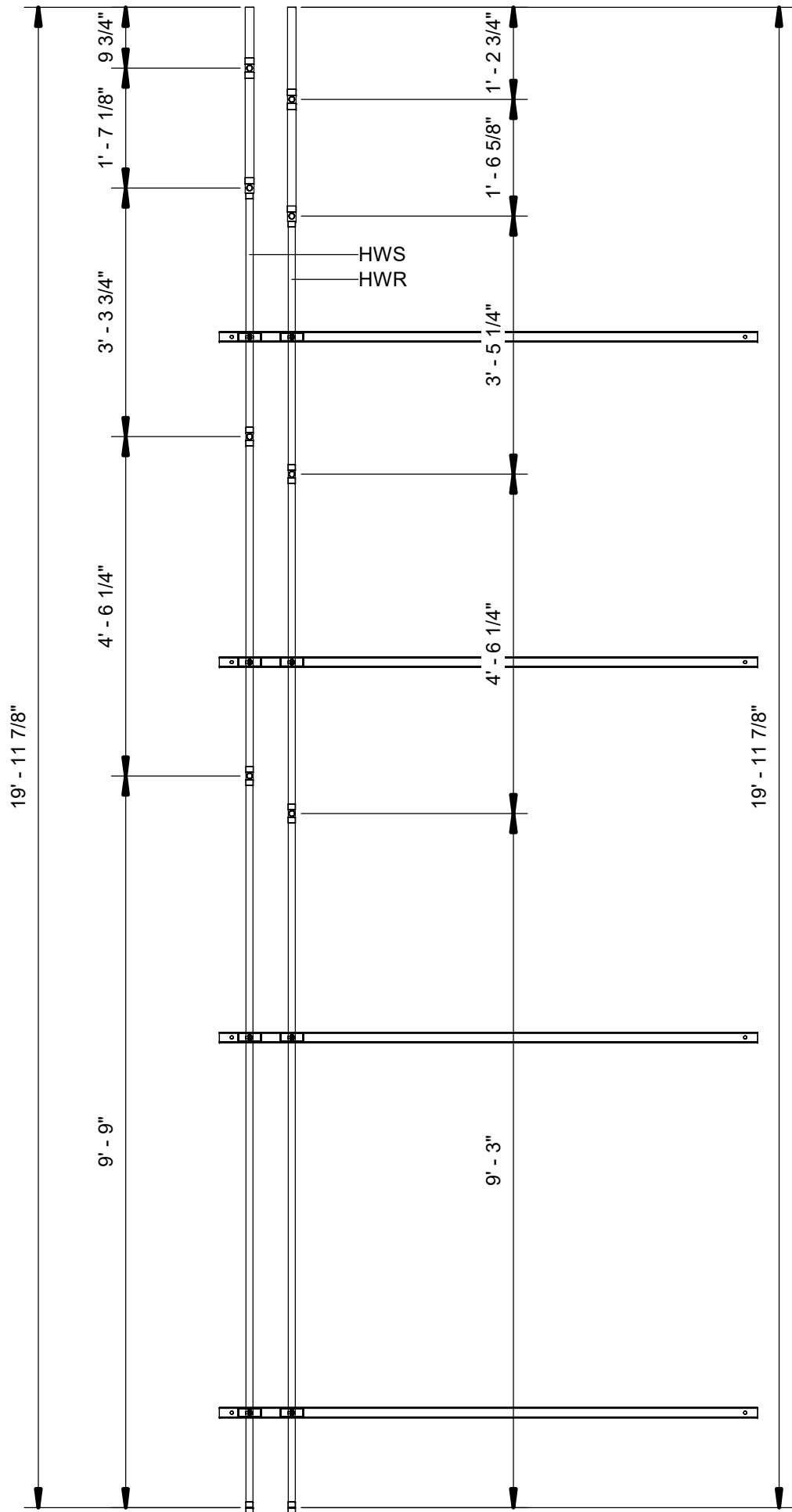
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A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	AS-L00-032
Drawn By: Author	
DATE: 03/11/21	DATE REQ:



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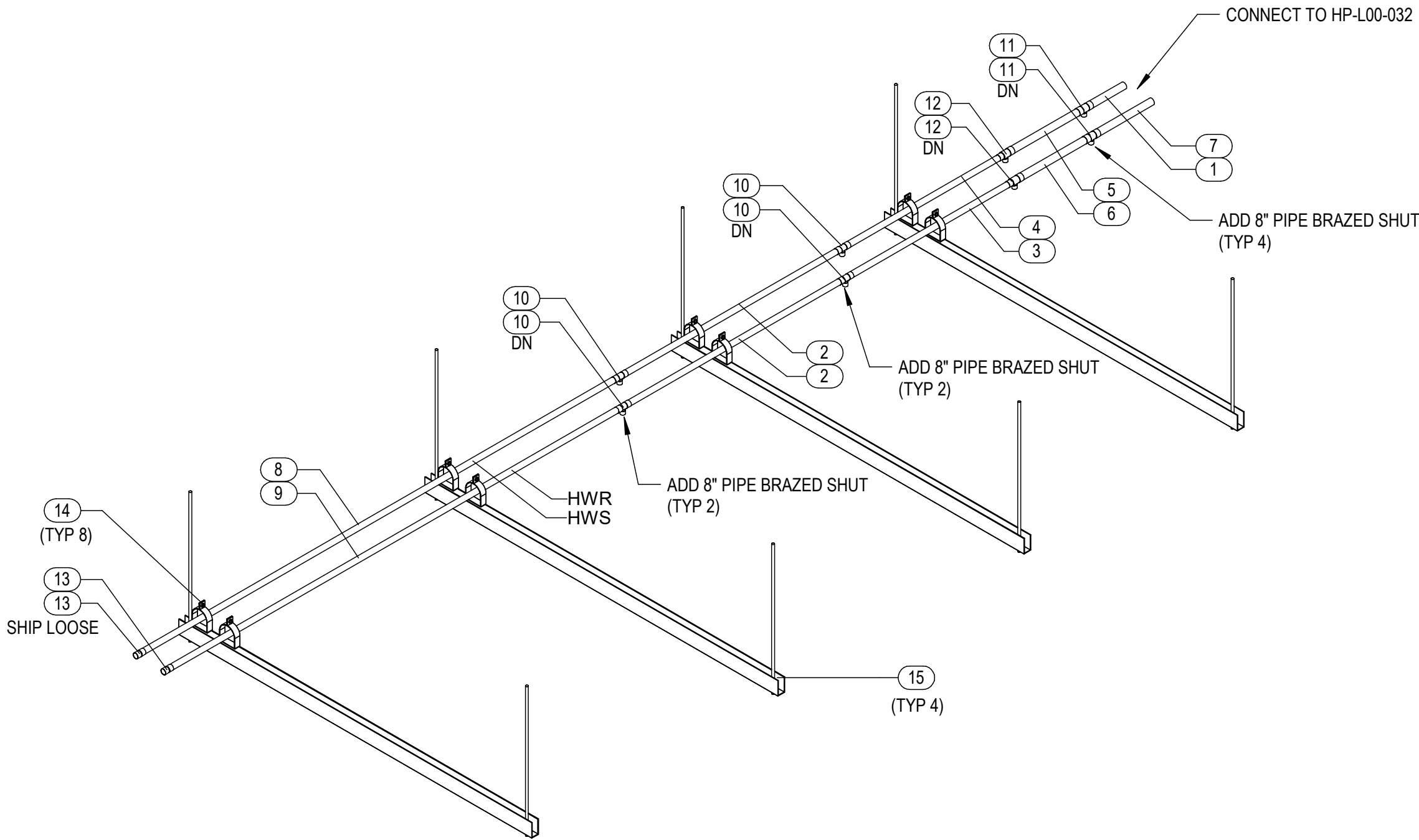


2 TOP VIEW
SCALE: 1/2" = 1'-0"



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

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'-9 1/16"			
2	2	1"	Cerro Type K Hard Copper Pipe	4'-5 1/16"			
3	1	1"	Cerro Type K Hard Copper Pipe	3'-3 13/16"			
4	1	1"	Cerro Type K Hard Copper Pipe	3'-2 5/16"			
5	1	1 1/4"	Cerro Type K Hard Copper Pipe	1'-5 7/8"			
6	1	1 1/4"	Cerro Type K Hard Copper Pipe	1'-5 3/8"			
7	1	1 1/4"	Cerro Type K Hard Copper Pipe	1'-2 1/16"			
8	1	1"	Cerro Type K Hard Copper Pipe	9'-8 3/8"			
9	1	1"	Cerro Type K Hard Copper Pipe	9'-2 3/8"			
10	4	1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
11	2	1 1/4"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
12	2	1 1/4"x1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
13	2	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
14	8	3"	B-Line B2000 ZN Sch 40 Pipe Clamp		0"	0"	0"
15	4	80"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		7' - 2"	2' - 7 5/8"	2' - 7 5/8"



1 ISOMETRIC
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

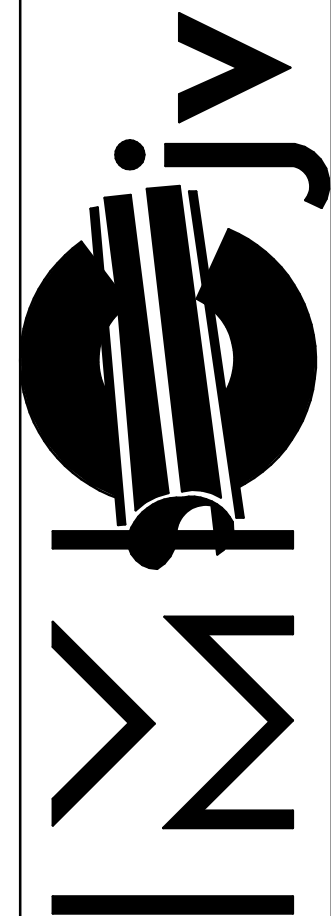
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TICKET: HP-L00-032

Drawn By: Author

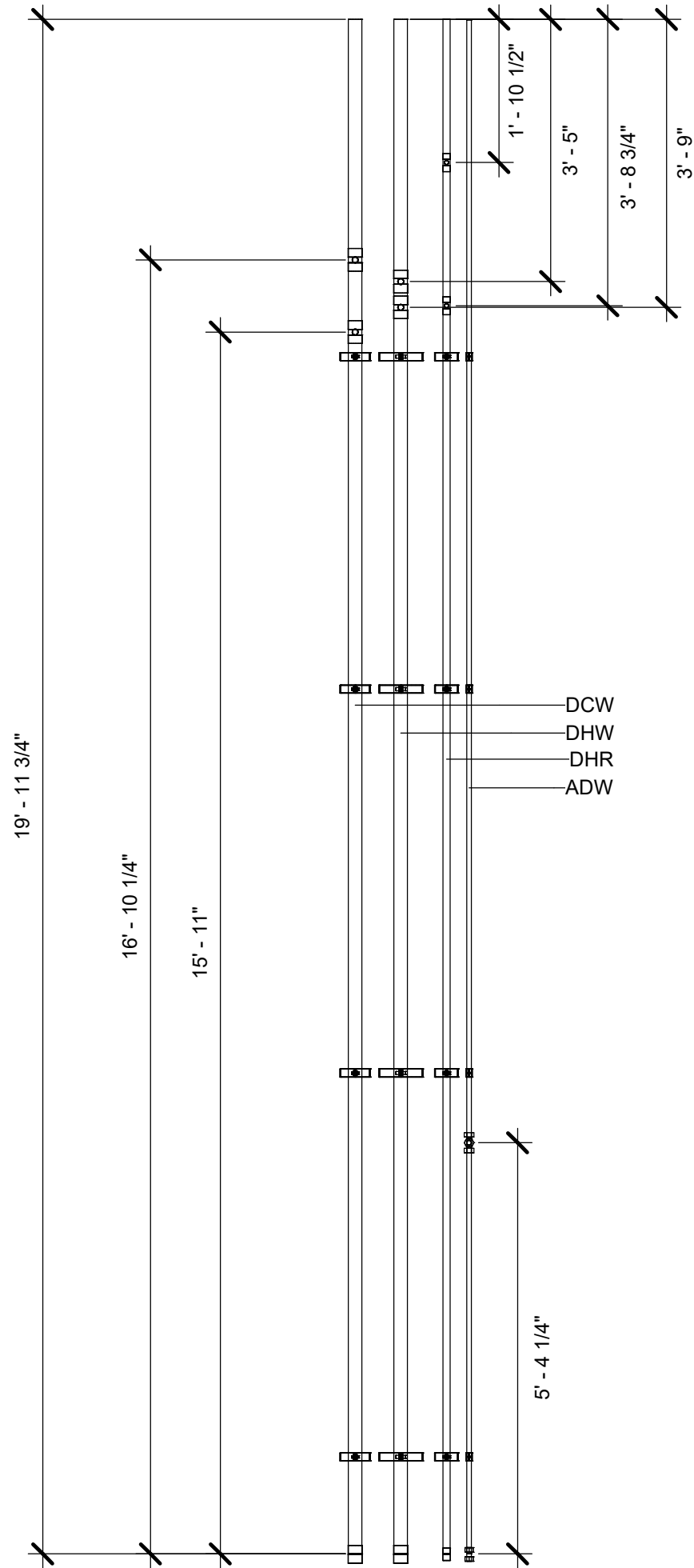
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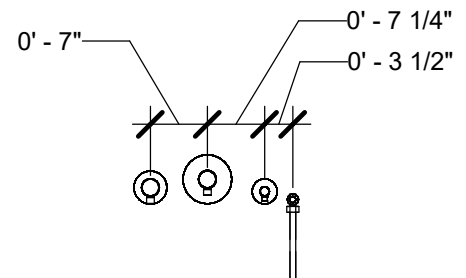


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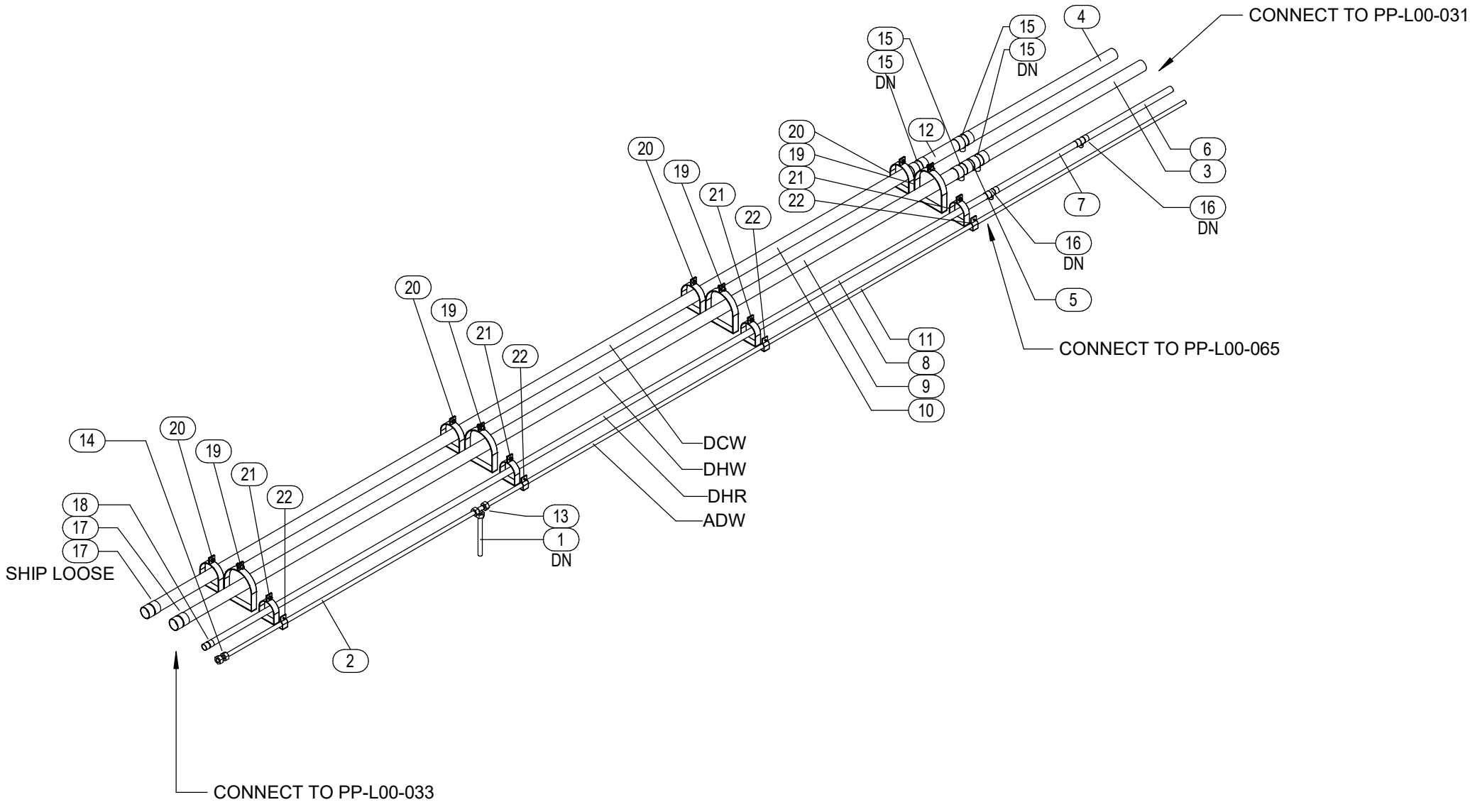
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2 TOP VIEW
SCALE: 1/2" = 1'-0"



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



1 ISOMETRIC
SCALE:

Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-9 5/16"			
2	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	5'-3 11/16"			
3	1	2"	Cerro Type L Hard Copper Pipe	3'-4 9/16"			
4	1	2"	Cerro Type L Hard Copper Pipe	3'-1 3/16"			
5	1	2"	Cerro Type L Hard Copper Pipe	0'-3 1/8"			
6	1	1"	Cerro Type L Hard Copper Pipe	1'-9 7/8"			
7	1	1"	Cerro Type L Hard Copper Pipe	1'-9 3/8"			
8	1	1"	Cerro Type L Hard Copper Pipe	16'-2 5/8"			
9	1	2"	Cerro Type L Hard Copper Pipe	16'-2 7/16"			
10	1	2"	Cerro Type L Hard Copper Pipe	15'-10 9/16"			
11	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	14'-6 15/16"			
12	1	2"	Cerro Type L Hard Copper Pipe	0'-10 3/8"			
13	1	3/4"	Swagelok SS316 Compression Union Tee				
14	1	3/4"	Swagelok SS316 Compression Union Coupling				
15	4	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
16	2	1"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee				
17	2	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
18	1	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
19	4	6"	B-Line B2000 ZN Sch 40 Pipe Clamp				
20	4	4"	B-Line B2000 ZN Sch 40 Pipe Clamp				
21	4	3"	B-Line B2000 ZN Sch 40 Pipe Clamp				
22	4	0.5"	B-Line B2000 ZN Sch 40 Pipe Clamp		0' - 0"	0' - 0"	0' - 0"

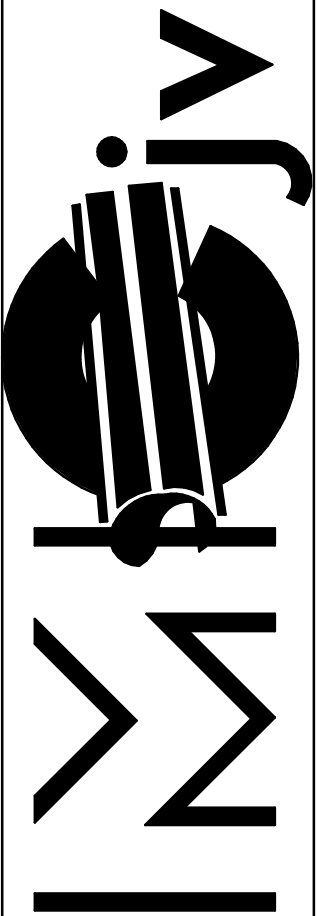
JOB: WASH U NRB

TICKET: PP-L00-032

Drawn By: Author

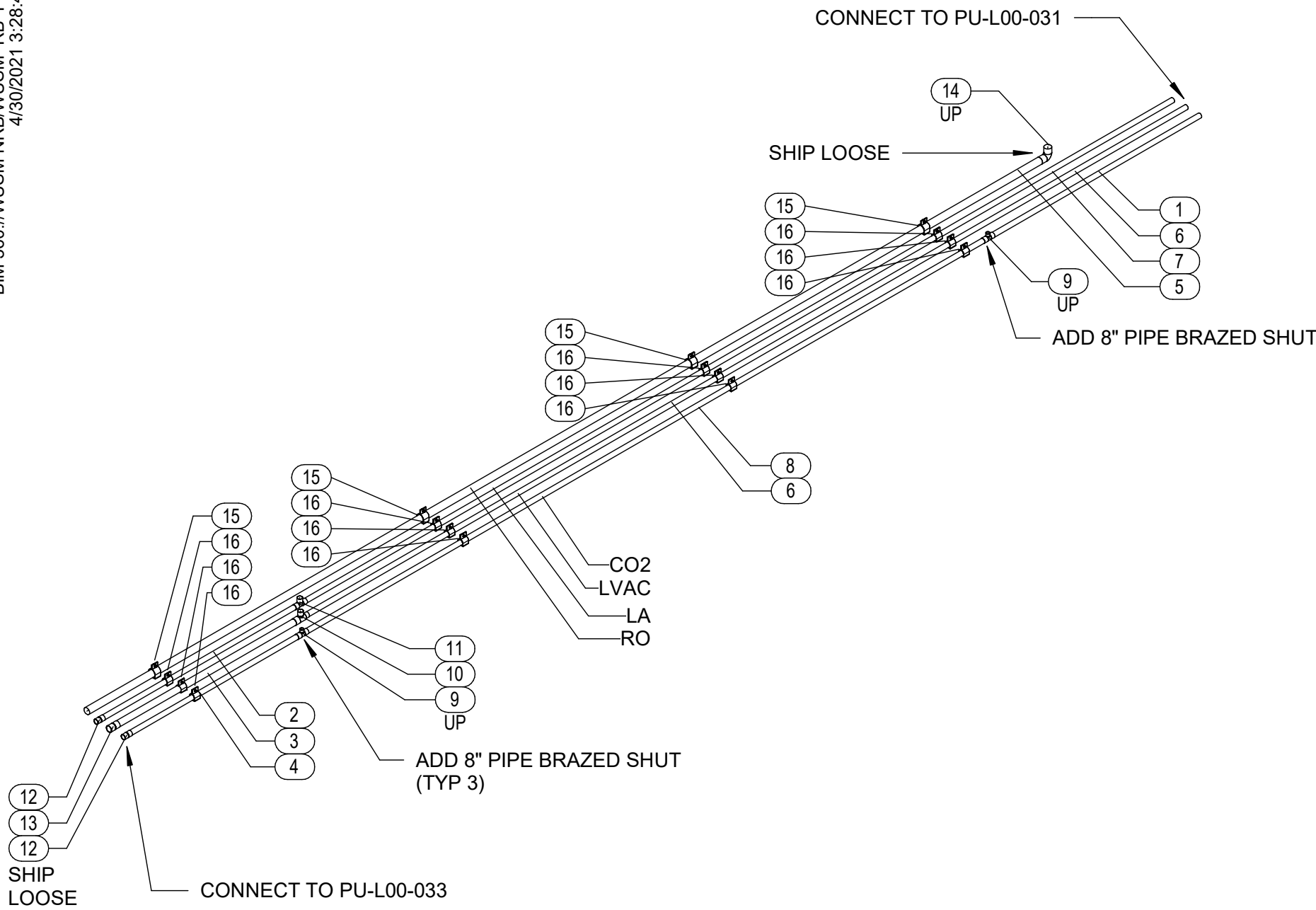
DATE REQ: 03/26/21

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A2	A4	B2	B4

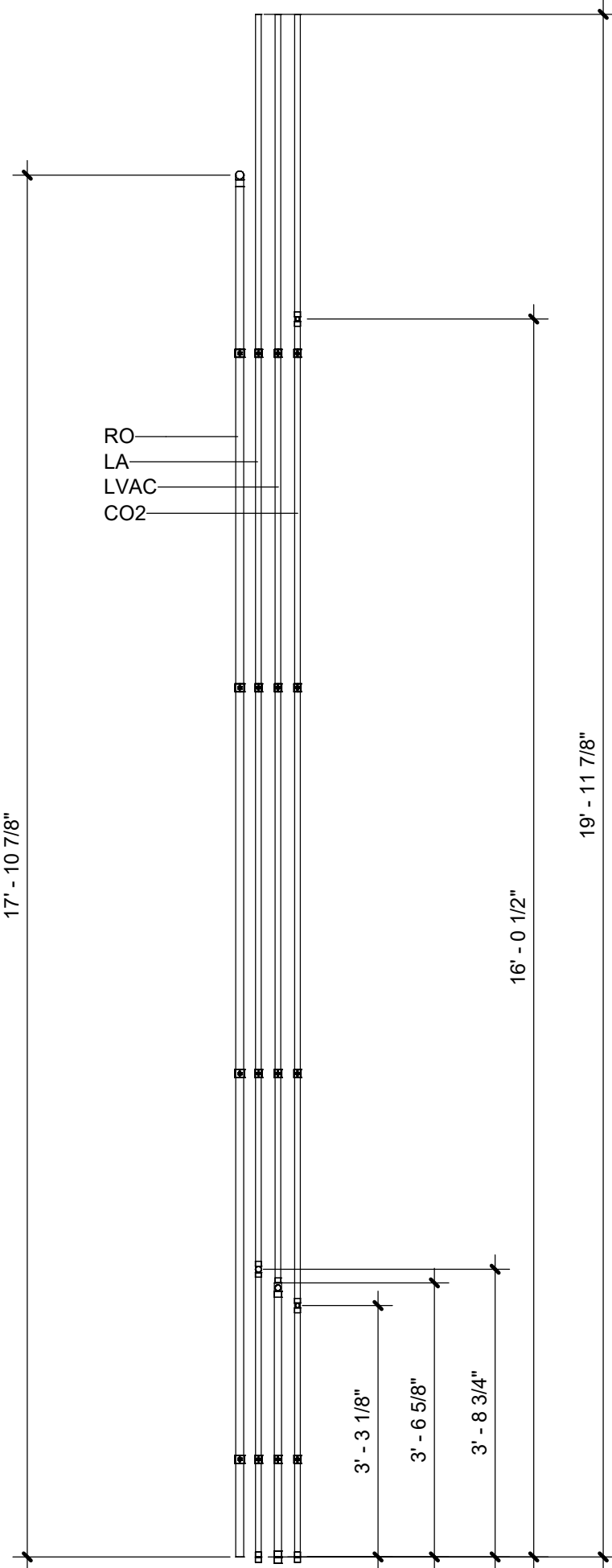


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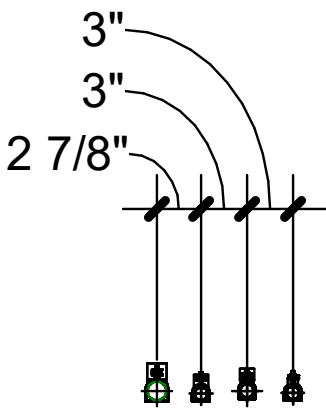


Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-11"			
2	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-8 1/4"			
3	1	1"	Cerro Type L Hard Copper - CFOS	3'-5 1/4"			
4	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-2 11/16"			
5	1	1"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion Pipe	17'-9 1/8"			
6	1	3/4"	Cerro Type L Hard Copper - CFOS	16'-5 1/4"			
7	1	3/4"	Cerro Type L Hard Copper - CFOS	16'-2 11/16"			
8	1	3/4"	Cerro Type L Hard Copper - CFOS	12'-8 11/16"			
9	2	3/4"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee				
10	1	1"x3/4"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee				
11	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee				
12	2	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop				
13	1	1"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop				
14	1	1"	Geroge Fischer Slone PROGEF STD-PP IR Butt-Fusion 90 SR Elbow				
15	4	1"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN				
16	12	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN				



1 ISOMETRIC

SCALE:



3 FRONT ELEVATION

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

A1	A3	B1	B3
A2	A4	B2	B4

2 TOP VIEW

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

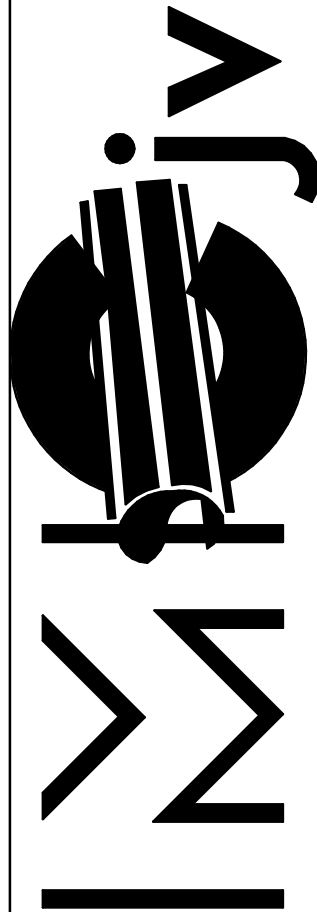
JOB: WASH U NRB

TICKET: PU-L00-032

Drawn By: Author

DATE: 04/02/21

DATE REQ:



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